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GOAT ANTI-FOXP2 (C TERMINUS) ANTIBODY

SKU: EB05226

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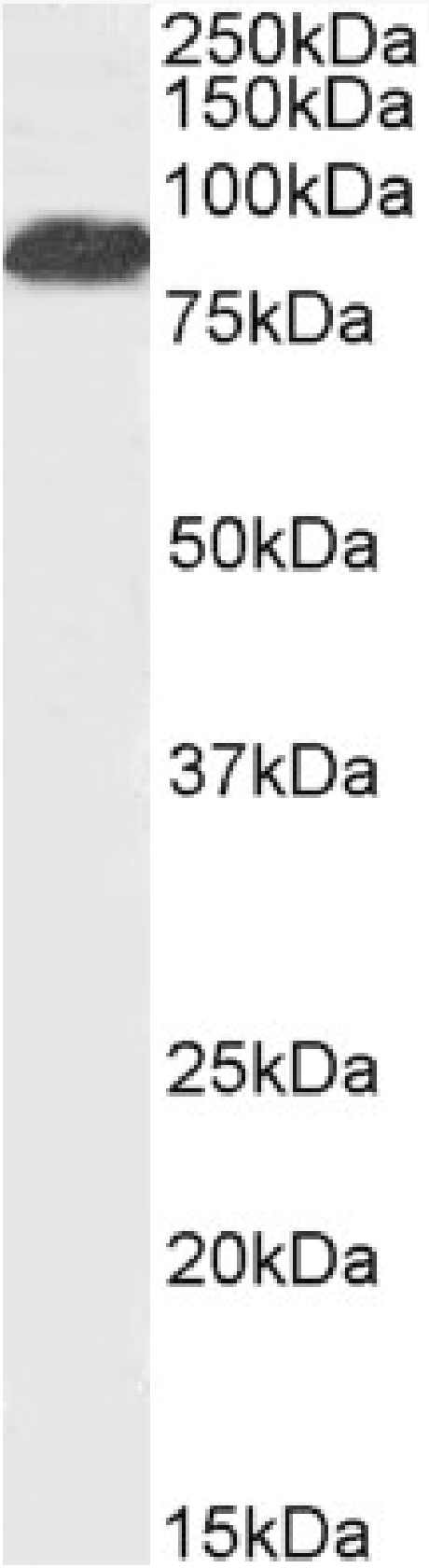

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	OTTHUMP00000196932|DKFZp686H1726|forkhead/winged-helix transcription factor|trinucleotide repeat containing 10|speech and language disorder 1|CAG repeat protein 44|TNRC10|CAGH44|SPCH1|forkhead box P2|FOXP2
Accession ID	NP_055306.1; NP_683696.2; NP_683697.1
Blocking Peptide	EBP05226
Immunogen	Peptide with sequence C-REIEEEPLSEDLE, from the C Terminus of the protein sequence according to NP_055306.1; NP_683696.2; NP_683697.1.
Product Comments	This antibody is expected to recognise all three reported isoforms (NP_055306.1; NP_683696.2; NP_683697.1).
Peptide Sequence	C-REIEEEPLSEDLE
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human
Human Gene ID	93986
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 80-90kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 82.6kDa according to NP_683696.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 21935935, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "FoxP2 expression in the cerebellum and inferior olive: Development of the transverse stripe-shaped expression pattern in the mouse cerebellar cortex.", "author": "Fujita H, Sugihara I.", "journal": "J Comp Neurol. 2012 Feb 15;520(3):656-77. doi: 10.1002/cne.22760."}, {"pmid": 23136409, "intro": "**This antibody (previous batch) has been successfully used in IHC on Mouse:**", "title": "Clustered fine compartmentalization of the mouse embryonic cerebellar cortex and its rearrangement into the postnatal striped configuration.", "author": "Fujita H, Morita N, Furuichi T, Sugihara I.", "journal": "J Neurosci. 2012 Nov 7;32(45):15688-703."}, {"pmid": 37130860, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Neurogenic timing of the inferior olive subdivisions is related to the olivocerebellar projection topography", "author": "Yuanjun Luo, Yuhan Chao, Jingyun Zhang, Tatsumi Hirata and Izumi Sugihara", "journal": "Research Square, August 2022, [https://doi.org/10.21203/rs.3.rs-1923633/v1]"}, {"pmid": 33055198, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Common Origin of the Cerebellar Dual Somatotopic Areas Revealed by Tracking Embryonic Purkinje Cell Clusters with Birthdate Tagging", "author": "Khoa Tran-Anh, Jingyun Zhang, Viet Tuan Nguyen-Minh, Hirofumi Fujita, Tatsumi Hirata and Izumi Sugihara", "journal": "eNeuro. 2020 Dec 14;7(6):ENEURO.0251-20.2020."}, {"pmid": 28092268, "intro": "**This antibody (previous batch) has been successfully used in IHC on Human and Mouse:**", "title": "Phenotypic outcomes in Mouse and Human Foxc1 dependent Dandy-Walker cerebellarmal formation suggest shared mechanisms.", "author": "Haldipur P, Dang D, Aldinger KA, Janson OK, Guimiot F, Adle-Biasette H, Dobyns WB, Siebert JR, Russo R, Millen KJ.", "journal": "Elife. 2017 Jan 16;6. pii: e20898. doi: 10.7554/eLife.20898."}, {"pmid": 30004589, "intro": "**This antibody (previous batch) has been successfully used in ICC on Mouse:**", "title": "Cerebellar modules in the olivo-cortico-nuclear loop demarcated by pcdh10 expression in the adult mouse", "author": "Gideon A Sarpong, Suteera Vibulyaseck, Yuanjun Luo, Mohammad S Biswas, Hirofumi Fujita, Shinji Hirano, Izumi Sugihara", "journal": "J Comp Neurol. 2018 Oct 15;526(15):2406-2427"}, {"pmid": 25732420, "intro": "**This antibody (previous batch) has been successfully used in WB and IHC on Chicken:**", "title": "Compartmentalization of the chick cerebellar cortex based on the link between the striped expression pattern of aldolase C and the topographic olivocerebellar projection", "author": "Vibulyaseck S, Luo Y, Fujita H, Oh-Nishi A, Ohki-Hamazaki H, Sugihara I", "journal": "J Comp Neurol. 2015 Sep 1;523(13):1886-912. "}, {"pmid": 30470704, "intro": "**This antibody (previous batch) has been successfully used in IF on Mouse:**", "title": "The zinc-finger transcription factor GLI3 is a regulator of precerebellar neuronal migration.", "author": "Martinez-Chavez E, Scheerer C, Wizenmann A, Blaess S", "journal": "Development. 2018 Dec 17;145(24). pii: dev166033."}, {"pmid": 28542916, "intro": "**This antibody (previous batch)**

has been successfully used in IF on Mouse:", "title": "Spatial rearrangement of Purkinje cell subsets forms the transverse and longitudinal compartmentalization in the mouse embryonic cerebellum.", "author": "Vibulyaseck S, Fujita H, Luo Y, Tran AK, Oh-Nishi A, Ono Y, Hirano S, Sugihara I", "journal": "J Comp Neurol. 2017 Oct 1;525(14):2971-2990."}, {"pmid": 38251865, "intro": "**This antibody has been successfully used in the following paper:**", "title": "Cell division angle predicts the level of tissue mechanics that tune the amount of cerebellar folding.", "author": "Amber G. Cook, Taylor V. Bishop, Hannah R. Crowe, Daniel N. Stevens, Lauren Reine, Alexandra L. Joyner and Andrew K. Lawton", "journal": "Development. 2024 Feb 1;151(3):dev202184."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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