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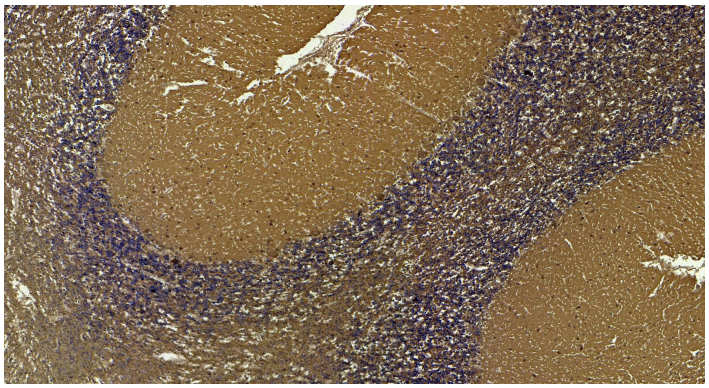
GOAT ANTI-AP2A1 (AA706-727) ANTIBODY

SKU: EB11875



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	plasma membrane adaptor HA2/AP2 adaptin alpha A subunit| clathrin-associated/assembly/adaptor protein, large, alpha 1| clathrin assembly protein complex 2 alpha-A large chain| alpha1-adaptin| alpha-adaptin A| adaptor protein complex AP-2 subunit alpha-1| adaptin, alpha A| adapter-related protein complex 2 alpha-1 subunit| AP-2 complex subunit alpha-1| 100 kDa coated vesicle protein A| CLAPA1| AP2-ALPHA| ADTAA| adaptor-related protein complex 2, alpha 1 subunit|AP2A1
Accession ID	NP_055018.2
Blocking Peptide	EBP11875
Immunogen	Peptide with sequence C-ELEPPAPESPMALLADPAPAAD, from the internal region of the protein sequence according to NP_055018.2.
Product Comments	This antibody is expected to recognize reported isoform 1 (NP_055018.2) only.
Peptide Sequence	C-ELEPPAPESPMALLADPAPAAD
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, Pig, Cow

Reactive Species	Human
Human Gene ID	160
Mouse Gene ID	11771
Rat Gene ID	308578
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Brain (Cerebellum). Recommended concentration: 5-7µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 110kDa band observed in Human Brain (Frontal cortex) lysates (calculated MW of 108kDa according to NP_055018.2). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 35314489, "intro": "**This antibody (previous batch) has been successfully used in IF on Human:**", "title": "Retrograde transport of CDMPR depends on several machineries as analyzed by sulfatable nanobodies.", "author": "Dominik P Buser, Gaétan Bader, Martin Spiess", "journal": "Life Sci Alliance. 2022 Jul; 5(7): e202101269."}, {"pmid": 31331834, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Quantitative proteomics reveals reduction of endocytic machinery components in gliomas", "author": "Dominik Pascal Buser, Marie-Françoise Ritz, Suzette Moes; Cristobal Tostado, Stephan Frank, Martin Spiess, Luigi Mariani, Paul Jenö, Jean-Louis Boulay, Gregor Hutter", "journal": "https://doi.org/10.1016/j.ebiom.2019.07.039"}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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