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GOAT ANTI-CDKAL1 ANTIBODY

SKU: EB08288

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	CDK5 regulatory subunit associated protein 1-like 1|FLJ20342|FLJ46705|MGC75469
Accession ID	NP_060244.2
Blocking Peptide	EBP08288
Immunogen	Peptide with sequence C-QVKKQRTKDLSR, from the internal region of the protein sequence according to NP_060244.2.
Peptide Sequence	C-QVKKQRTKDLSR
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
Human Gene ID	54901
Mouse Gene ID	68916
Rat Gene ID	361243
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 1:64000.

Western Blot	This antibody has been described in a publication and it has been successfully used on Human islets and pancreatic insulinoma INS-1 and MIN6 cells . Preliminary experiments gave an approx. 39kDa band in Human Brain (Cerebellum) lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 65.1kDa according to NP_060244.2. The 39kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 23048041, "intro": "", "title": "CDK5 regulatory subunit-associated protein 1-like 1\r\n(CDKAL1) is a tail-anchored protein in the endoplasmic reticulum (ER) of insulinoma cells.", "author": "Brambillasca S, Altkrueger A, Colombo SF, Friederich A, Eickelmann P, Mark M, Borgese N, Solimena M.", "journal": "J Biol Chem. 2012 Dec 7;287(50):41808-19."}]

DOCUMENTS

- Data Sheet