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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

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

Alias CDK5 regulatory subunit associated protein 1-like 1|FLJ20342|FLJ46705|MGC75469

Names

Accession NP_060244.2 ID

Blocking

EBP08288 **Peptide**

Peptide with sequence C-QVKKQRTKDLSR, from the internal region of the protein sequence according to **Immunogen**

NP 060244.2.

Peptide

C-QVKKQRTKDLSR Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat, Dog **Species**

Human

54901 **Gene ID**

Mouse

68916

Gene ID

Rat Gene ID 361243

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

Grade **ELISA**

Antibody detection limit dilution 1:64000. **Detection**

Limit





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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."}]