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PEA15 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14339

Product Information

Application	WB
Primary Accession	Q5U318
Other Accession	NM_003768, NP_003759
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15040

Additional Information

Gene ID	364052
Alias Symbol	HMAT1, HUMMAT1H, MAT1, MAT1H, PEA-15, PED
Other Names	Astrocytic phosphoprotein PEA-15, 15 kDa phosphoprotein enriched in astrocytes, Pea15
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PEA15 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PEA15 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

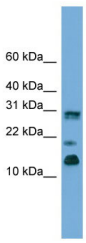
Protein Information

Name	Pea15
Function	Blocks Ras-mediated inhibition of integrin activation and modulates the ERK MAP kinase cascade. Inhibits RPS6KA3 activities by retaining it in the cytoplasm. Inhibits both TNFRSF6- and TNFRSF1A- mediated CASP8 activity and apoptosis. Regulates glucose transport by controlling both the content of SLC2A1 glucose transporters on the plasma membrane and the insulin-dependent trafficking of SLC2A4 from the cell interior to the surface (By similarity).
Cellular Location	Cytoplasm. Note=Associated with microtubules.

References

Chneiweiss H.M.,et al.Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.
Lubec G.,et al.Submitted (APR-2007) to UniProtKB.
Hoffert J.D.,et al.Proc. Natl. Acad. Sci. U.S.A. 103:7159-7164(2006).

Images



WB Suggested Anti-PEA15 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human brain