

PEA15 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14339**Specification**

PEA15 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q5U318
Other Accession	NM_003768 , NP_003759
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15kDa kDa

PEA15 antibody - C-terminal region - 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.

PEA15 antibody - C-terminal region - 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).

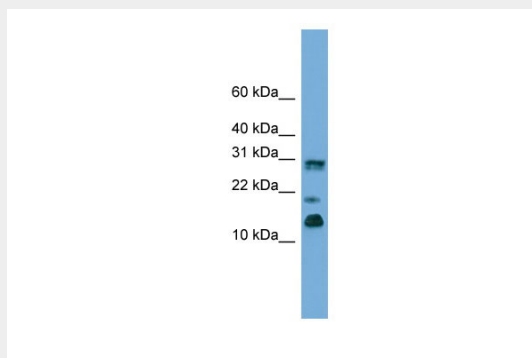
Cellular Location

Cytoplasm. Note=Associated with microtubules.

PEA15 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PEA15 antibody - C-terminal region - Images

WB Suggested Anti-PEA15 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:1562500

Positive Control: Human brain

PEA15 antibody - C-terminal region - 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).