Eph Receptor A5 Antibody / EphA5 (R32140)

Catalog No.	Formulation	Size
R32140	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P54756
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This Eph Receptor A5 antibody is available for research use only.



Western blot testing of 1) rat brain and 2) mouse brain with Eph Receptor A5 antibody. Expected/observed molecular weight ~114 kDa.

Description

EPH receptor A5 (ephrin type-A receptor 5) is a protein that in humans is encoded by the EPHA5 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Alternatively spliced transcript variants encoding different isoforms have been described.

Application Notes

Optimal dilution of the Eph Receptor A5 antibody should be determined by the researcher.

Immunogen

Amino acids TLEDLRRLGVTLVGHQKKIMNSLQEMKVQLVN of human Eph receptor A5 were used as the immunogen for the Eph Receptor A5 antibody.

Storage

After reconstitution, the Eph Receptor A5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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