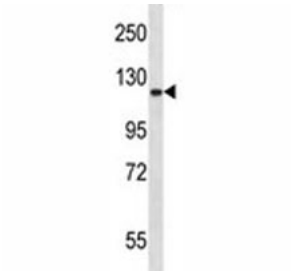
Epha2 Antibody / Eph receptor A2 (F44011)

Catalog No.	Formulation	Size
F44011-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44011-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q03145
Applications	Western blot: 1:1000
Limitations	This Epha2 antibody is available for research use only.



Epha2 antibody western blot analysis in mouse lung tissue lysate. Expected molecular weight: 108~130 kDa.

Description

Receptor for members of the ephrin-A family. Binds to ephrin-A1, -A3, -A4 and -A5. Induces apoptosis in a TP53/p53-independent, caspase-8-dependent manner (By similarity). Plays an important role in angiogenesis and tumor neovascularization. The recruitment of VAV2, VAV3 and PI3-kinase p85 subunit by phosphorylated EPHA2 is critical for EFNA1-induced RAC1 GTPase activation and vascular endothelial cell migration and assembly. May function in distinctive aspects of pattern formation and subsequently in development of several fetal tissues. May be involved in cell-cell interactions guiding early hindbrain development.

Visit our EPHA2 Antibody page to discover additional antibodies against this Receptor Tyrosine Kinase, including reagents for studies of cell adhesion, migration, angiogenesis, and cancer signaling.

Application Notes

Titration of the Epha2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 296-323 from the mouse protein was used as the immunogen for this Epha2 antibody.

Storage

Aliquot the Epha2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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