10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HEP / EPHB6 Antibody (aa861-910)

Rabbit Polyclonal Antibody
Catalog # ALS15097

Specification

HEP / EPHB6 Antibody (aa861-910) - Product Information

Application	**IF, WB, IHC**
Primary Accession	O15197
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**111kDa KDa**

HEP / EPHB6 Antibody (aa861-910) - Additional Information

Gene ID 2051

Other Names
Ephrin type-B receptor 6, HEP, Tyrosine-protein kinase-defective receptor EPH-6, EPHB6

Target/Specificity
EPHB6 Antibody detects endogenous levels of total EPHB6 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
HEP / EPHB6 Antibody (aa861-910) is for research use only and not for use in diagnostic or therapeutic procedures.

HEP / EPHB6 Antibody (aa861-910) - Protein Information

Name EPHB6

Function
Kinase-defective receptor for members of the ephrin-B family. Binds to ephrin-B1 and ephrin-B2. Modulates cell adhesion and migration by exerting both positive and negative effects upon stimulation with ephrin-B2. Inhibits JNK activation, T-cell receptor-induced IL-2 secretion and CD25 expression upon stimulation with ephrin-B2.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Expressed in brain. Expressed in non invasive breast carcinoma cell lines (at protein level). Strong expression in brain and pancreas, and weak expression in other tissues, such as heart, placenta, lung, liver, skeletal muscle and kidney. Expressed in breast non invasive tumors but not in metastatic lesions. Isoform 3 is expressed in cell lines of glioblastomas, anaplastic astrocytomas,

gliosarcomas and astrocytomas. Isoform 3 is not detected in normal tissues.

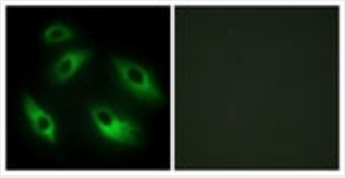
Volume
50 µl

HEP / EPHB6 Antibody (aa861-910) - Protocols

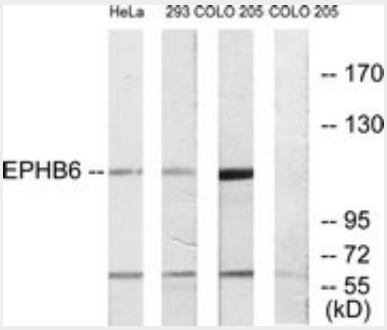
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

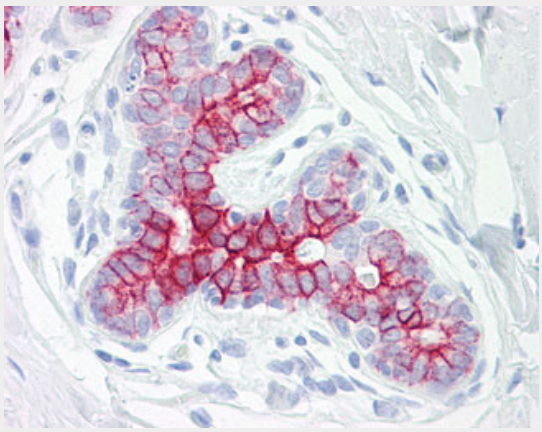
HEP / EPHB6 Antibody (aa861-910) - Images



Immunofluorescence of HeLa cells, using EPHB6 Antibody.



Western blot of extracts from COLO/293/HeLa cells, using EPHB6 Antibody.



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-EPHB6 antibody IHC of human breast.

HEP / EPHB6 Antibody (aa861-910) - Background

Kinase-defective receptor for members of the ephrin-B family. Binds to ephrin-B1 and ephrin-B2. Modulates cell adhesion and migration by exerting both positive and negative effects upon stimulation with ephrin-B2. Inhibits JNK activation, T-cell receptor-induced IL-2 secretion and CD25 expression upon stimulation with ephrin-B2.

HEP / EPHB6 Antibody (aa861-910) - References

Matsuoka H.,et al.Biochem. Biophys. Res. Commun. 235:487-492(1997).
Hillier L.W.,et al.Nature 424:157-164(2003).
Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Jin M.,et al.Oncol. Rep. 19:1277-1283(2008).