

EphB1/2/3/4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03008
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human EPHB1/2/3/4. AA range:566-615
Mol wt	109885/117493/110330/108270
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	EphB1/2/3/4 Antibody
Synonyms	EPHB1; ELK; EPHT2; HEK6; NET; Ephrin type-B receptor 1; ELK; EPH tyrosine kinase 2; EPH-like kinase 6; EK6; hEK6; Neuronally-expressed EPH-related tyrosine kinase; NET; Tyrosine-protein kinase recepto

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The EPH receptor B1 encoded by EPHB1 is a receptor for ephrin-B family members.

Recommended Dilution

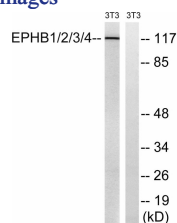
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

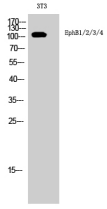
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from NIH/3T3 cells, treated with heat shock, using EphB1/2/3/4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using EphB1/2/3/4 Polyclonal Antibody

Storage

-20°C for one year

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