

Datasheet for ABIN2789635

anti-EPH Receptor B3 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	EPH Receptor B3 (EPHB3)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Zebrafish (Danio rerio), Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human EPHB3
Sequence:	QLQEQPLIV GSATAGLVFV VAVVIAIVC LRKQRHGSDS EYTEKLQQYI
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against EPHB3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EPH Receptor B3 (EPHB3)
Alternative Name:	EPHB3 (EPHB3 Products)

Target Details

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 two 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. This gene encodes a receptor for ephrin-B family members. Alias Symbols: ETK2, HEK2, TYRO6 Protein Interaction Partner: UBC, NFRKB, GBE1, LNX1, EFNB3, EPHB3, RYK, CRK, MLLT4, RASA1, FYN, Protein Size: 998
Molecular Weight:	107 kDa
Gene ID:	2049
NCBI Accession:	NM_004443 , NP_004434
UniProt:	P54753
Pathways:	RTK Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 998 AA
Restrictions:	For Research Use only

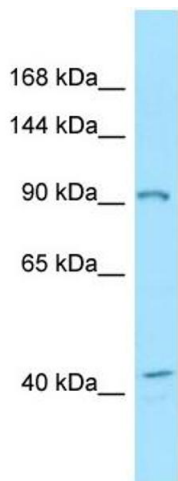
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-EPHB3 Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell