



Rabbit Anti-Human EPHA10 Polyclonal Antibody (CABT-L2158)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Ephrin Type A Receptor 10 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against EPHA10. It has been selected for its ability to recognize EPHA10 in immunohistochemical staining and western blotting.
Target	EPHA10
Immunogen	Recombinant fragment corresponding to human EPHA10 (Val645-Leu900)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags
Warnings	For research use only.

BACKGROUND

Introduction	Ephrin receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell attachment, shape, and mobility in neuronal and epithelial cells (Aasheim et al., 2005 [PubMed 15777695]). See MIM 179610 for additional background on Eph receptors and ephrins.[supplied by OMIM, Mar 2008]
Keywords	EPHA10

GENE INFORMATION

Gene Name	EPHA10 EPH receptor A10 [Homo sapiens (human)]
Official Symbol	EPHA10
Synonyms	EPHA10; EPH receptor A10; ephrin type-A receptor 10; EphA10s protein;
Entrez Gene ID	284656
Protein Refseq	NP_001092909
UniProt ID	Q4G0R4
Chromosome Location	1p34.3
Pathway	Axon guidance; Developmental Biology; EPH-Ephrin signaling; EPH-ephrin mediated repulsion of cells; EPHA-mediated growth cone collapse;
Function	ATP binding; ephrin receptor activity; protein binding; transmembrane-ephrin receptor activity;