

Datasheet for ABIN6991150
anti-EPH Receptor A10 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	EPH Receptor A10 (EPHA10)
Binding Specificity:	AA 120-170, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	EphA10 antibody was raised against a 14 amino acid synthetic peptide of near the amino terminus of human EphA10. The immunogen is located within amino acids 120 - 170 of EphA10.
Isotype:	IgG
Purification:	EphA10 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	EPH Receptor A10 (EPHA10)
Alternative Name:	EphA10 (EPHA10 Products)
Background:	EphA10 Antibody: Eph receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell

Target Details

attachment, shape, and mobility of neuronal and endothelial cells in central nervous system function and in development. Eph receptors can be divided into two subgroups: EphA and EphB. In mammals, the EphA class consists of eight members (EphA 1-7 and 10) that in general bind to ephrin-A members linked to the cell membrane through a glycosylphosphatidylinositol linkage. The EphB class consists of six members (EphB 1-6) that in general bind ephrin-B members that transverse the cell membrane. The Ephrin / EPH signaling pathway networks with the WNT signaling pathway during embryogenesis, tissue regeneration, and carcinogenesis. Recent studies show that Eph/EFN might be relevant in normal B-cell biology and could represent new potential prognostic markers and therapeutic targets for CLL.

Gene ID: 284656

NCBI Accession: [NP_001092909](#)

UniProt: [Q5JZY3](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: EphA10 antibody can be used for detection of EphA10 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: EphA10 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: EphA10 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.