

EphA10 Polyclonal Antibody

Catalog No :	YT1574
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	EphA10
Gene Name :	EPHA10
Protein Name :	Ephrin type-A receptor 10
Human Gene Id :	284656
Human Swiss Prot No :	Q5JZY3
Mouse Gene Id :	230735
Mouse Swiss Prot No :	Q8BYG9
Immunogen :	The antiserum was produced against synthesized peptide derived from human EPHA10. AA range:431-480
Specificity :	EphA10 Polyclonal Antibody detects endogenous levels of EphA10 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	110kD
Background :	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],
Function :	catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,domain:The protein kinase domain is predicted to be catalytically inactive.,function:Receptor for members of the ephrin-A family. Binds to EFNA3, EFNA4 and EFNA5.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 2 fibronectin type-III domains.,tissue specificity:Mainly expressed in testis.,
Subcellular Location :	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 3]: Cell membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
Expression :	Mainly expressed in testis.
Sort :	5612
No4 :	1

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