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EPHA10 Rabbit pAb

Catalog # AP98833

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5JZY3
Other Accession	Q5JZY3
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109716
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EPHA10
Epitope Specificity	151-250/1008
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily.Contains 1 Eph LBD (Eph ligand-binding) domain. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date (1–3). While the biological activities of these receptors have yet to be determined, there is increasing evidence that they are involved in central nervous system function and in development (1–3). The Eph subfamily receptors of human origin (and their murine/avian homologs) include EphA1 (Eph), EphA2 (Eck), EphA3 (Hek4), EphA4 (Hek8), EphA5 (Hek7), EphA6 (Hek12), EphA7 (Hek11/MDK1), EphA8 (Hek3), EphB1 (Hek6), EphB2 (Hek5), EphB3 (Cek10, Hek2), EphB4 (Htk), EphB5 (Hek9) and EphB6 (Mep). Ligands for Eph receptors include ephrin-A4 (LERK-4) which binds EphA3 and EphB1. In addition, ephrin-A2 (ELF-1) has been described as the ligand for EphA4, ephrin-A3 (Ehk1-L) as the ligand for EphA5 and ephrin-B2 (Htk-L) as the ligand for EphB4 (Htk) (4–7).

Additional Information

Gene ID	284656
Other Names	DFNA88; A330090H18; RGD1562679; EPHAA_HUMAN; EPHA10; 2.7.10.1; EPHAA_MOUSE; EPH receptor A10
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EPHA10
Function	Receptor for members of the ephrin-A family. Binds to EFNA3, EFNA4 and EFNA5.
Cellular Location	[Isoform 1]: Cell membrane; Single- pass type I membrane protein [Isoform 2]: Secreted.
Tissue Location	Mainly expressed in testis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.