

Datasheet for ABIN3030828

anti-EPHA1 antibody (AA 453-487)





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Quantity:	0.4 mL	
Target:	EPHA1	
Binding Specificity:	AA 453-487	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This EPHA1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	This mouse Epha1 antibody was produced from a rabbit immunized with a KLH conjugated	
	synthetic peptide between 453-487 amino acids from the Central region of mouse Epha1.	
Isotype:	lg Fraction	
Purification:	Antigen affinity purified	
Target Details		
	EPHA1	
Target:	EPHA1	
Target: Alternative Name:	EPHA1 Epha1 (EPHA1 Products)	
Alternative Name:	Epha1 (EPHA1 Products)	
Alternative Name:	Epha1 (EPHA1 Products) Receptor tyrosine kinase which binds promiscuously membrane-bound ephrin-A family ligands	

Target Details

while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Binds with a low affinity EFNA3 and EFNA4 and with a high affinity to EFNA1 which most probably constitutes its cognate/functional ligand. Upon activation by EFNA1 induces cell attachment to the extracellular matrix inhibiting cell spreading and motility through regulation of ILK and downstream RHOA and RAC. Plays also a role in angiogenesis and regulates cell proliferation. May play a role in apoptosis.

UniProt:

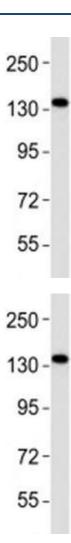
Q60750

Application Details

Application Notes:	Titration of the Epha1 antibody may be required due to differences in protocols and		
	secondary/substrate sensitivity.\. Western blot: 1:2000		
Restrictions:	For Research Use only		

Handling

Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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	
Storage Comment:	Aliquot the Epha1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.	



Western Blotting

Image 1. Western blot testing of Epha1 antibody at 1:2000 dilution + A549 lysate

Western Blotting

Image 2. Western blot testing of Epha1 antibody at 1:2000 dilution + A549 lysate