

For Research Use Only

Phospho-EPHA2 (Tyr588) Polyclonal antibody



Catalog Number: 30263-1-AP

Basic Information

Catalog Number: 30263-1-AP	GenBank Accession Number: BC037166	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 1969	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: EPH receptor A2	
Isotype: IgG	Calculated MW: 976 aa, 108 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MG132 treated HepG2 cells,
Species Specificity: Human	

Background Information

Ephrin type-A receptor 2 (EPHA2), belongs to the receptor tyrosine kinases (RTKs) family, that binds promiscuously membrane-bound ephrin-A family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. Research studies have shown that Eph receptors and ligands may be involved in many diseases including cancer (PMID: 11114742). The "reverse signaling" function, whereby the cytoplasmic domain becomes tyrosine phosphorylated, allows interactions with other proteins that may activate signaling pathways in the ligand-expressing cells. The detected molecular weight is around 110 kDa.

Storage

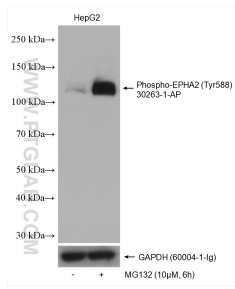
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Non-treated and MG132 treated HepG2 cells were subjected to SDS PAGE followed by western blot with 30263-1-AP (Phospho-EPHA2 (Tyr588) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH antibody as the loading control.