

EphA2/EphA3/EphA4 Polyclonal Antibody

Catalog NumberPA5-38479

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody		
Immunogen	A synthetic non-phosphopeptide derived from human EPHA2/3/4 around the phosphorylation site of Tyr588/596 (T-YP-V-D-P)	Western Blot (WB)	1:500-1:1,000
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	1:100-1:500
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	1 mg/mL		
Storage Conditions	-20°C		

Background/Target Information

The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date. 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. 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).

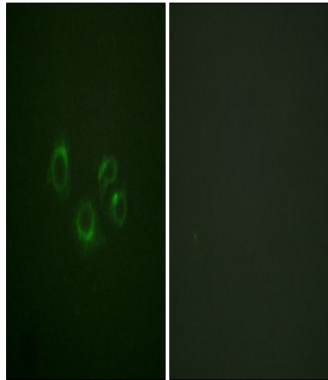
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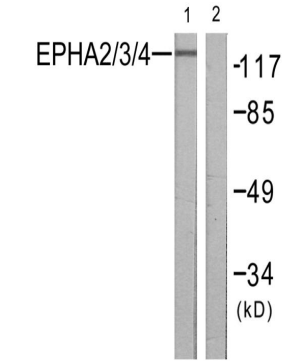
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Product Images For EphA2/EphA3/EphA4 Polyclonal Antibody



EphA2/EphA3/EphA4 Antibody (PA5-38479) in ICC/IF

Immunofluorescent analysis of EphA2 + EphA3 + EphA4 in A549 cells using an EphA2 + EphA3 + EphA4 polyclonal antibody (Product # PA5-38479).



EphA2/EphA3/EphA4 Antibody (PA5-38479) in WB

Western blot analysis of EphA2 + EphA3 + EphA4 in extracts from NIH-3T3 cells using an EphA2 + EphA3 + EphA4 polyclonal antibody (Product # PA5-38479).

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