



Anti-EPHB2 Antibody

Alternative Names: CAPB, DRT, EK5, EPHT3, ERK, Hek5, PCBC, Tyro5, Ephrin type-B receptor 2

Catalogue Number: AB18-10054-50ug

Size: 50 µg

Background Information

Ephrin type-B receptor 2 (EPHB2) is a member of the Eph receptor family of receptor tyrosine kinase transmembrane glycoproteins. These receptors are composed of an N-terminal glycosylated ligand-binding domain, a transmembrane region and an intracellular kinase domain. They bind ligands called ephrins on adjacent cells, leading to contact-dependent bidirectional signalling into neighbouring cells because both receptors and ligands are able to transduce a signalling cascade. Eph receptors are involved in many cellular processes including motility, division, and differentiation. Proteins of the EphB subgroup are distinguished from other members of the Eph receptor family by sequence homology and a preferential binding affinity for membrane-bound ephrin-B ligands. Allelic variants are associated with prostate and brain cancer susceptibility.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human, Mouse
Immunogen:	Partial length recombinant human EPHB2 from the N-terminal half of the protein		
Format:	50 µg in 50 µl PBS containing 0.02% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB WB 1:500-2000.		

Additional Information

Subcellular location:	Cell membrane, Cell projection, Single-pass type I membrane protein, axon, dendrite	MW:	117kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	2048	Uniprot ID:	P29323