兔抗 EPHB1/2/3 多克隆抗体

中文名称：兔抗 EPHB1/2/3 多克隆抗体

英文名称： Anti-EPHB1/2/3 rabbit polyclonal antibody

别　名： ELK; NET; Hek6; EPHT2/DRT; EK5; ERK; CAPB; Hek5; PCBC; EPHT3; Tyro5/ETK2; HEK2; TYRO6

抗　原： EPHB1/2/3

储　存： 冷冻（-20℃） 避光

宿　主： Rabbit

反应种属： Human Mouse

相关类别： 一抗

标记物： Unconjugate

克隆类型： Unconjugate

技术规格

Background:	Receptor tyrosine kinase which binds promiscuously transmembrane ephrin-B family ligands residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Cognate/functional ephrin ligands for this receptor include EFNB1, EFNB2 and EFNB3. During nervous system development, regulates retinal axon guidance redirecting ipsilaterally ventrotemporal retinal ganglion cells axons at the optic chiasm midline. This probably requires repulsive interaction with EFNB2. In the adult nervous system together with

	EFNB3, regulates chemotaxis, proliferation and polarity of the hippocampus neural progenitors. Beside its role in axon guidance plays also an important redundant role with other ephrin-B receptors in development and maturation of dendritic spines and synapse formation. May also regulate angiogenesis. More generally, may play a role in targeted cell migration and adhesion. Upon activation by EFNB1 and probably other ephrin-B ligands activates the MAPK/ERK and the JNK signaling cascades to regulate cell migration and adhesion respectively.
Applications:	IHC, IF
Name of antibody:	EPHB1/2/3
Immunogen:	Synthesized peptide derived from internal of human EPHB1/2/3.
Full name:	EPH receptor B1/2/3
Synonyms :	ELK; NET; Hek6; EPHT2/DRT; EK5; ERK; CAPB; Hek5; PCBC; EPHT3; Tyro5/ETK2; HEK2; TYRO6
SwissProt:	P54762/P29323/P54753
IHC positive control:	Human brain tissue
IHC Recommend dilution:	50-100
IF positive control:	NIH/3T3 cells
IF Recommend dilution:	100-500