



# EphB3 rabbit pAb

Cat No.:ES8777

For research use only

## Overview

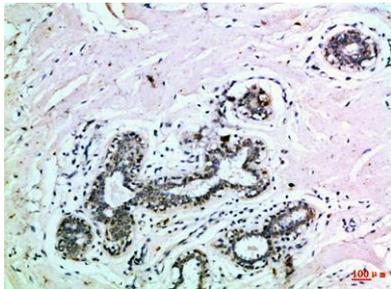
<b>Product Name</b>	EphB3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	IHC-p 1:50-200, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic peptide from human protein at AA range: 650-700
<b>Specificity</b>	The antibody detects endogenous EphB3
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ephrin type-B receptor 3 (EC 2.7.10.1) (EPH-like tyrosine kinase 2) (EPH-like kinase 2) (Embryonic kinase 2) (EK2) (hEK2) (Tyrosine-protein kinase TYRO6)
<b>Gene Name</b>	EPHB3 ETK2 HEK2 TYRO6
<b>Cellular localization</b>	Cell membrane ; Single-pass type I membrane protein . Cell projection, dendrite .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	2049
<b>Human Swiss-Prot Number</b>	P54753
<b>Alternative Names</b>	Ephrin type-B receptor 3 (EC 2.7.10.1;EPH-like tyrosine kinase 2;EPH-like kinase 2;Embryonic kinase 2;EK2;hEK2;Tyrosine-protein kinase TYRO6)
<b>Background</b>	Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are



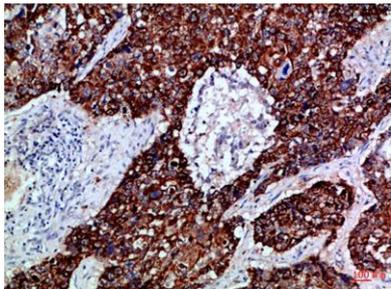


divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of receptors are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. This gene encodes a receptor for ephrin-B family members. [provided by RefSeq, Mar 2010],

Immunohistochemical analysis of paraffin-embedded Human-breast, antibody was diluted at 1:100



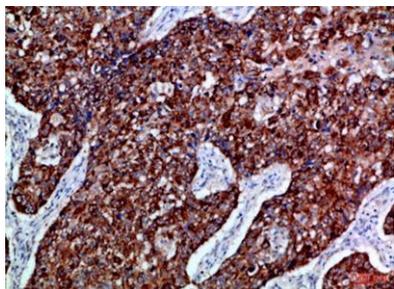
Immunohistochemical analysis of paraffin-embedded Human-lung-cancer, antibody was diluted at 1:100





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Human-lung-cancer, antibody was diluted at 1:100



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