



Anti-EFNB2 (internal region) polyclonal antibody (DPAB-DC825)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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. This gene encodes an EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human EFNB2. The sequence is CPKVDSKTVGQYE
Source/Host	Goat
Species Reactivity	Human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	EFNB2 ephrin-B2 [Homo sapiens (human)]
Official Symbol	EFNB2
Synonyms	EFNB2; ephrin-B2; HTKL; EPLG5; Htk-L; LERK5; LERK-5; HTK ligand; ligand of eph-related kinase 5; eph-related receptor tyrosine kinase ligand 5;
Entrez Gene ID	1948
Protein Refseq	NP_004084
UniProt ID	P52799
Chromosome Location	13q33
Pathway	Axon guidance; EPHB forward signaling; EphrinB-EPHB pathway;
Function	ephrin receptor binding; protein binding;