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# anti-Ephrin B3 antibody (AA 28-226)

**Images** 



### Overview

Quantity:	100 μL
Target:	Ephrin B3 (EFNB3)
Binding Specificity:	AA 28-226
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

# **Product Details**

Immunogen:	Recombinant Human Ephrin-B3 protein (28-226AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

# Target Details

Target:	Ephrin B3 (EFNB3)
Alternative Name:	EFNB3 (EFNB3 Products)
Background:	Background: Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and

epithelial development. Binds promiscuously Eph receptors 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. May play a pivotal role in forebrain function. Binds to, and induce the collapse of, commissural axons/growth cones in vitro. May play a role in constraining the orientation of longitudinally projecting axons (By similarity).

Aliases: EFL 6 antibody, EFL6 antibody, EFNB 3 antibody, Efnb3 antibody, EFNB3\_HUMAN antibody, EPH related receptor transmembrane ligand ELK L3 antibody, EPH related receptor transmembrane ligand ELKL3 antibody, EPH related receptor tyrosine kinase ligand 8 antibody, EPH-related receptor tyrosine kinase ligand 8 antibody, EPH-related receptor tyrosine kinase ligand 8 antibody, Ephrin B3 antibody, Ephrin-B3 antibody, EphrinB3 antibody, EPLG 8 antibody, EPLG8 antibody, LERK 8 antibody, LERK 8 antibody, LERK 8 antibody

UniProt: Q15768

Pathways: RTK Signaling

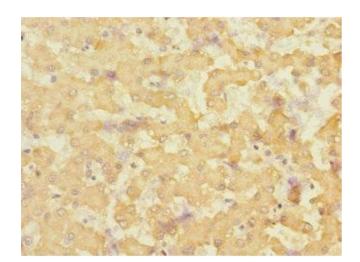
# **Application Details**

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

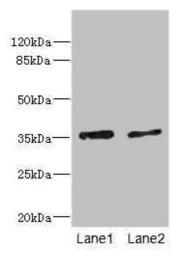
# Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



# **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human liver tissue using ABIN7151880 at dilution of 1:100



# **Western Blotting**

Image 2. Western blot All lanes: EFNB3 antibody at 1.44  $\mu$  g/mL Lane 1: HepG2 whole cell lysate Lane 2: Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 36 kDa Observed band size: 36 kDa