# antibodies .- online.com







## anti-Ephrin B3 antibody (Internal Region)

**Images** 



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Target:

Quantity:	100 μL
Target:	Ephrin B3 (EFNB3)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF),
	Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human Ephrin-B3, corresponding to a region within the
	internal amino acids.
Isotype:	IgG
Specificity:	Ephrin-B3 Antibody detects endogenous levels of total Ephrin-B3.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling
	Resin (Thermo Fisher Scientific).
Target Details	

Ephrin B3 (EFNB3)

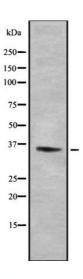
### Target Details

Alternative Name:	EFNB3 (EFNB3 Products)
Background:	Description: 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).  Gene: EFNB3
Molecular Weight:	36kDa
Gene ID:	1949
UniProt:	Q15768
Pathways:	RTK Signaling
Application Details	
Application Notes:	WB 1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.

Expiry Date:

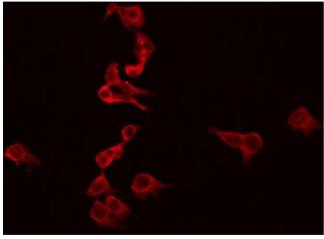
12 months

#### **Images**



#### **Western Blotting**

**Image 1.** Western blot analysis of Ephrin-B3 using SKOV3 whole cell lysates



#### Immunofluorescence (fixed cells)

**Image 2.** ABIN6272293 staining SKOV3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.