Datasheet for ABIN875413

anti-Ephrin B1 antibody (pSer300) (AbBy Fluor® 647)

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Overview

Quantity:	100 µL
Target:	Ephrin B1 (EFNB1)
Binding Specificity:	pSer300
Reactivity:	Human, Mouse, Rat, Chicken, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B1 antibody is conjugated to AbBy Fluor® 647
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Ephrin B around the phosphorylation site of Ser300
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Ephrin B1 (EFNB1)
Alternative Name:	EFNB1 (EFNB1 Products)
Background:	Synonyms: Ephrin B phospho Y330, p-Ephrin B phospho Y330, CEK5 ligand, EFNB1, ELK L,

Target Details

	EphrinB, Ephrin-B, ELK ligand, ELKL, EPH related receptor tyrosine kinase ligand 2, Ephrin B Precursor, Ephrin B1, Ephrin B2, LERK 2, LERK2, EFNB2_HUMAN. Background: Ephrin B proteins are thought to play key roles in cellular functions as diverse as neuronal migration and blood vessel development. Ephrin B molecules expressed at the membrane surface bind to the Ephrin B family receptors on target cells during cell to cell contact. This interaction leads to cell signaling in the target cell but also generates a reverse signal in the cell expressing Ephrin B on its surface. This reverse signaling event is thought to be critical for vessel maturation and neuronal development. Importantly, tyrosine phosphorylation of Ephrin B is thought to be a critical component of this reverse signaling event. Recent work demonstrated that Tyr331 of Ephrin B was phosphorylated in HEK293 cells after stimulation by the soluble Ephrin B2 receptor tyrosine kinase.
Molecular Weight:	38kDa
Gene ID:	1947
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months