



[Go to Product page](#)

Datasheet for ABIN684538
anti-Ephrin B antibody (pSer300)

Overview

Quantity:	100 µL
Target:	Ephrin B (EphB)
Binding Specificity:	pSer300
Reactivity:	Human, Mouse, Chicken, Rat, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ephrin B antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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 B (EphB)
Abstract:	EphB Products

Target Details

Background: Synonyms: Ephrin B phospho Y330, p-Ephrin B phospho Y330, CEK5 ligand, EFNB1, ELK L, 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

Application Details

Application Notes: WB (1:100-500),IHC-P (1:100-500),IF (p) (1:100-500)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

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 for 12 months.

Expiry Date: 12 months