

## EphB1/2(Phospho Tyr594/604) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15437
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human EPHB1/2 around the phosphorylation site of Tyr594/604. AA range:561-610
<b>Mol wt</b>	109885;108254
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Ephrin type-B receptor 1/2
<b>Synonyms</b>	Ephrin type-B receptor 1/2; EPHB1; ELK; EPHT2; HEK6; NET; Ephrin type-B receptor 1; ELK; EPH tyrosine kinase 2; EPH-like kinase 6; EK6; hEK6; Neuronally-expressed EPH-related tyrosine kinase; NET; Tyrosine-protein kinase receptor EPH-2; EPHB2; DRT; EPHT3; EPTH3; ERK;

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. 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. The Eph family of receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene is a receptor for ephrin-B family members.

### Recommended Dilution

WB: 1: 500 - 1: 2000

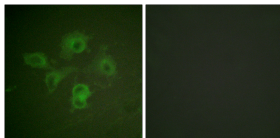
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

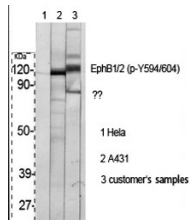
ELISA: 1: 5000

Not yet tested in other applications.

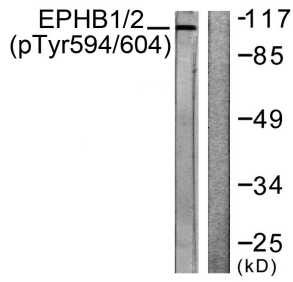
### Images



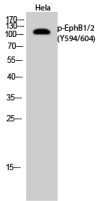
Immunofluorescence analysis of HUVEC cells, using EPHB1/2 (Phospho-Tyr594/604) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-EphB1/2 (Y594/604) Polyclonal Antibody



Western Blot analysis of HeLa cells using Phospho-EphB1/2 (Y594/604) Polyclonal Antibody



Western blot analysis of lysates from HepG2 cells, using EPHB1/2 (Phospho-Tyr594/604) Antibody.

The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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