

## EPHB6 (Phospho-Tyr645) Antibody

Catalog No: #12721



Package Size: #12721-1 50ul #12721-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	EPHB6 (Phospho-Tyr645) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	EPHB6 (Phospho-Tyr645) Antibody detects endogenous levels of EPHB6 only when phosphorylated at Tyr645
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human EPHB6 (Phospho-Tyr645)
Conjugates	Unconjugated
Target Name	EPHB6
Modification	Phospho
Other Names	EPHB6, Cekl, EPH receptor B6, Ephrin type-B receptor 6, HEP, MEP
Accession No.	Swiss-Prot#: O15197NCBI Gene ID: 2051
Target Species	human
Calculated MW	111 kDa
SDS-PAGE MW	119 kDa
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:1000

## Published Papers

Yiling Chen et al., Force threshold-dependent modulation of root resorption via the Nrf2/Keap1/p62 antioxidant pathway during orthodontic tooth movement, American Journal of Orthodontics and Dentofacial Orthopedics, (2025)

[PMID:41342829](https://pubmed.ncbi.nlm.nih.gov/41342829/)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.