

Datasheet for ABIN391896

**anti-EPH Receptor A6 antibody (C-Term)**

3 Images

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## Overview

Quantity:	400 µL
Target:	EPH Receptor A6 (Epha6)
Binding Specificity:	AA 1006-1035, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor A6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This Eph Receptor A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1006-1035 amino acids from the C-terminal region of human Eph Receptor A6.
Clone:	RB1637-1638
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	EPH Receptor A6 (Epha6)
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## Target Details

Abstract: [Epha6 Products](#)

Background: Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the  $\gamma$  phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly involved in the regulation of cell-cell interactions such as differentiation, adhesion, motility and death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g. EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK, JAK, and SRC families).

Molecular Weight: 116185

Gene ID: 13840

UniProt: [Q62413](#)

Pathways: [RTK Signaling](#)

## Application Details

Application Notes: WB: 1:2000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

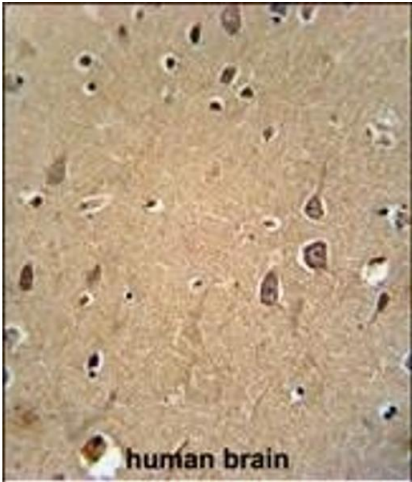
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

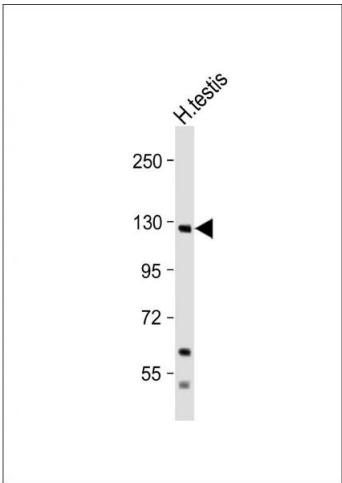
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.



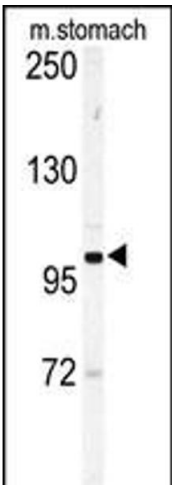
Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Eph receptor A6 (EPHA6) Antibody (C-term) (ABIN391896 and ABIN2841714) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Eph receptor A6 (EPHA6) Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

**Image 2.** Anti-RAT) Epha6 Antibody at 1:2000 dilution + Human testis cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 116 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

**Image 3.** Western blot analysis of Eph receptor A6 (EPHA6) Antibody (C-term) (ABIN391896 and ABIN2841714) in mouse stomach tissue lysates (35 µg/lane). EPHA6 (arrow) was detected using the purified Pab.