

Datasheet for ABIN2789638

anti-EPH Receptor A7 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	EPH Receptor A7 (EPHA7)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human EPHA7
Sequence:	SNQDVKAIE EGYRLPAPMD CPAGLHQLML DCWQKERAER PKFEQIVGIL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EPHA7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	EPH Receptor A7 (EPHA7)
Alternative Name:	EPHA7 (EPHA7 Products)
Background:	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH

Target Details

and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin 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.

Alias Symbols: EHK3, HEK11

Protein Interaction Partner: MAP1LC3A, ZNF267, UBC, GNB1, EPHA7, EFNA5, EFNA3, EFNA4, EFNA1, MLLT4, EFNA2, SDCBP,

Protein Size: 998

Molecular Weight: 112 kDa

Gene ID: 2045

NCBI Accession: [NM_004440](#), [NP_004431](#)

UniProt: [Q15375](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 998 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

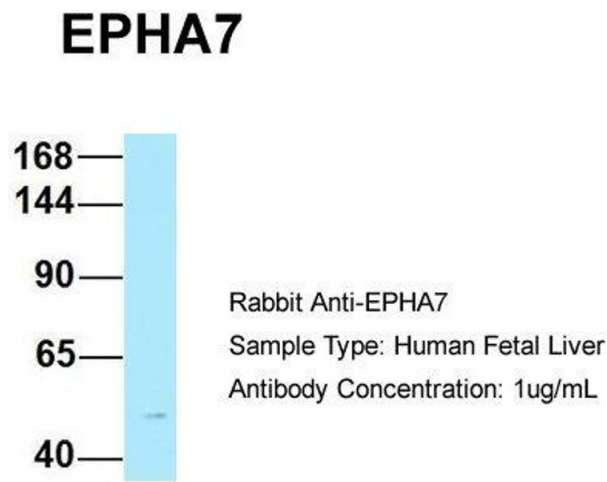
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting
Image 1. Host: Rabbit
Target Name: EPHA7
Sample Tissue: Human Fetal Liver
Antibody Dilution: 1.0 µg/mL