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Datasheet for ABIN3030829

anti-EPHA1 antibody (C-Term)

5 Images

Overview

Quantity:	100 µg
Target:	EPHA1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	An amino acid sequence from the C-terminus of human EphA1 (HQKRILCSIQGFKD) was used as the immunogen for this EphA1 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	EPHA1
Alternative Name:	EphA1 (EPHA1 Products)
Background:	EPH receptor A1, is a protein that in humans is encoded by the EPHA1 gene. This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. The gene is mapped to 7q34-q35. EPH and EPH-related receptors have been implicated in mediating developmental

Target Details

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. They are divided into two groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis.

UniProt: [P21709](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the EphA1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

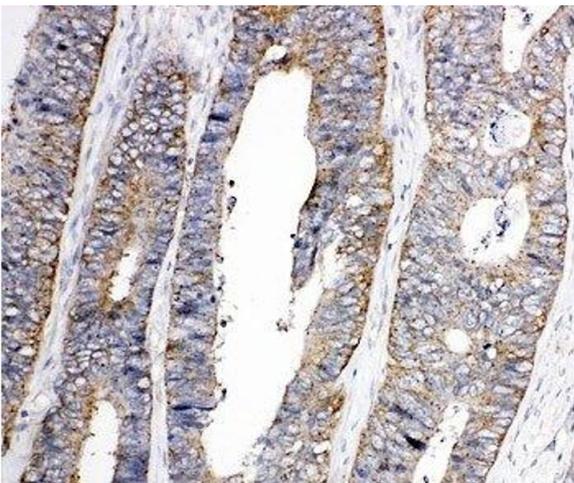
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

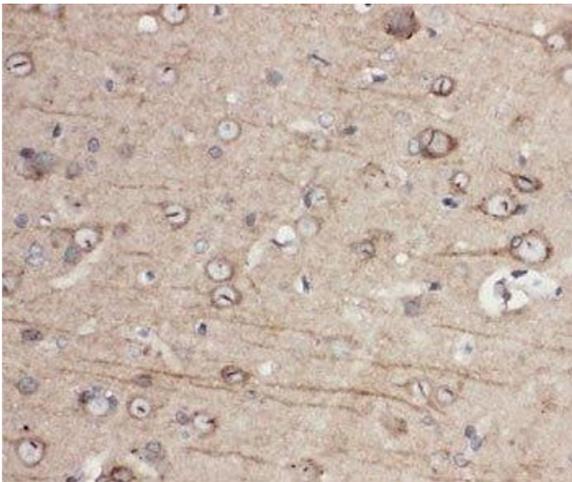
Storage Comment: After reconstitution, the EphA1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



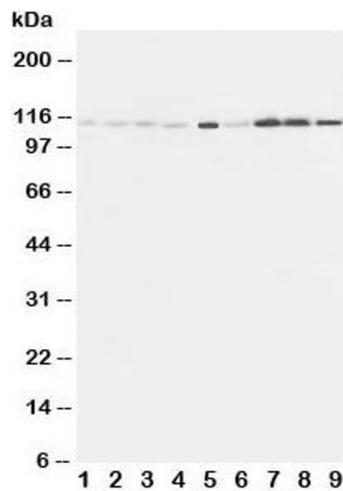
Immunohistochemistry

Image 1. IHC-P: EphA1 antibody testing of human colon cancer tissue



Immunohistochemistry

Image 2. IHC-P: EphA1 antibody testing of rat brain tissue



Western Blotting

Image 3. Western blot testing of EphA1 antibody and Lane 1: rat liver; 2: (r) lung; 3: (r) intestine; 4: (r) ovary; 5: U87; 6: A549; 7: COLO320; 8: SW620; 9: HeLa cell lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030829.