

Datasheet for ABIN2854899

anti-Angiopoietin 4 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	Angiopoietin 4 (ANGPT4)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Angiopoietin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Angiopoietin 4. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Angiopoietin 4 (angiopoietin 4) Angiopoietin 4 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Angiopoietin 4 (ANGPT4)
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Target Details

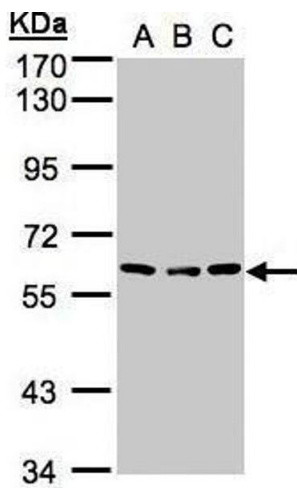
Alternative Name:	angiopoietin 4 (ANGPT4 Products)
Background:	<p>Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin.</p> <p>Cellular Localization: Secreted</p>
Molecular Weight:	57 kDa
Gene ID:	51378
UniProt:	Q9Y264
Pathways:	RTK Signaling

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HepG2 , Molt-4
Restrictions:	For Research Use only

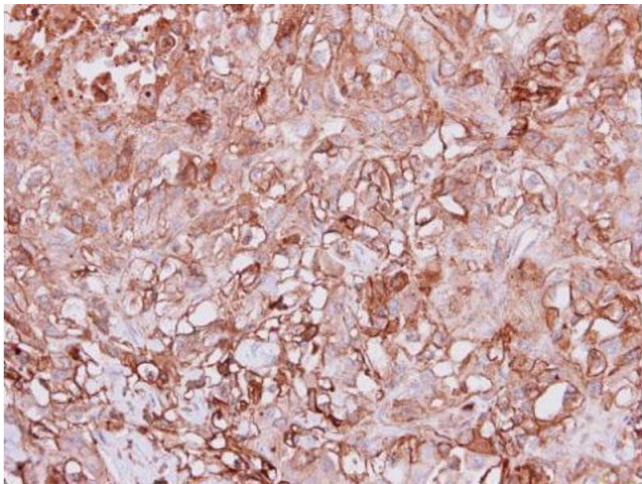
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



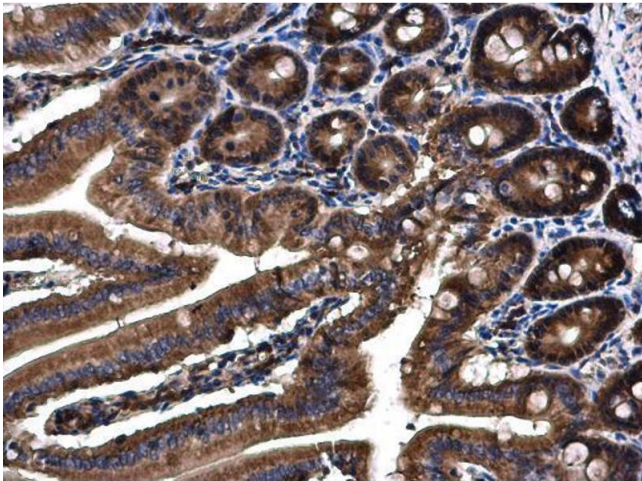
Western Blotting

Image 1. WB Image Sample (30µg whole cell lysate)
A:H1299 B:Hep G2 , C:MOLT4 , 7.5% SDS PAGE antibody
diluted at 1:500



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of
paraffin-embedded DU145 xenograft, using Angiopoietin 4,
antibody at 1:100 dilution.



Immunohistochemistry

Image 3. IHC-P Image Angiopoietin 4 antibody detects
Angiopoietin 4 protein at cytoplasm on mouse duodenum
by immunohistochemical analysis. Sample: Paraffin-
embedded mouse duodenum. Angiopoietin 4 antibody ,
diluted at 1:500.