

Datasheet for ABIN2785913
anti-ANGPTL2 antibody (N-Term)[Go to Product page](#)

3 Images

2 Publications

Overview

Quantity:	100 µL
Target:	ANGPTL2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio), Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANGPTL2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ANGPTL2
Sequence:	NSKEPEVLLE NRVHKQELEL LNNELLKQKR QIETLQQLVE VDGGIVSEVK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against ANGPTL2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ANGPTL2
---------	---------

Target Details

Alternative Name:	ANGPTL2 (ANGPTL2 Products)
Background:	<p>Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action. Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. ANGPTL2 protein is a secreted glycoprotein with homology to the angiopoietins and may exert a function on endothelial cells through autocrine or paracrine action.</p> <p>PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-127 AL598400.1 2-128 128-451 AL598400.1 129-452 452-2289 BC012368.1 325-2162 2290-3572 AK074726.1 1294-2576</p> <p>Alias Symbols: ARP2, HARP, MGC8889</p> <p>Protein Size: 493</p>
Molecular Weight:	57 kDa
Gene ID:	23452
NCBI Accession:	NM_012098 , NP_036230
UniProt:	Q9UKU9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 493 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

Handling

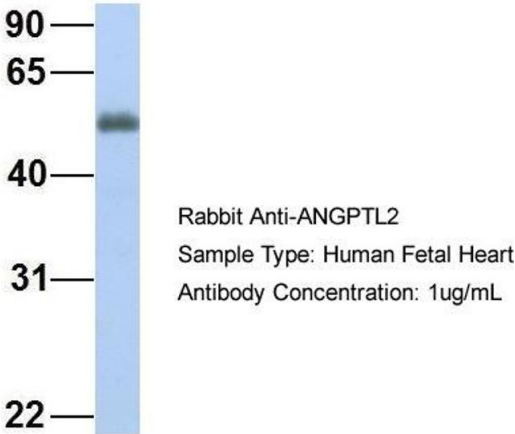
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Carson, Cheung, Scherer: "Duplication and relocation of the functional DPY19L2 gene within low copy repeats." in: BMC genomics , Vol. 7, pp. 45, (2006) (PubMed).
-------------------	--

Images

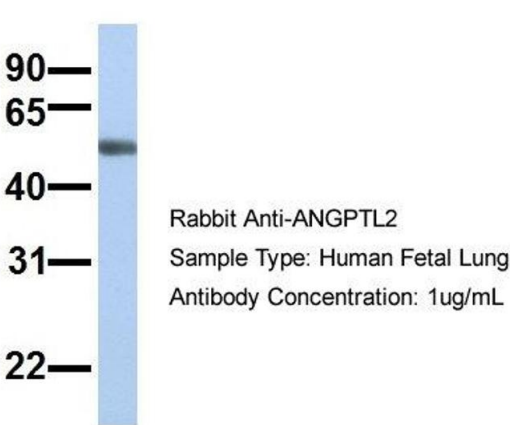
ANGPTL2



Western Blotting

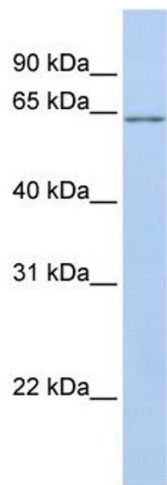
Image 1. Host: Rabbit Target Name: GNAS Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

ANGPTL2



Western Blotting

Image 2. Host: Rabbit Target Name: SLC13A3 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. WB Suggested Anti-ANGPTL2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: 721_B cell lysate There is BioGPS gene expression data showing that ANGPTL2 is expressed in 721_B