

Datasheet for ABIN3029955
anti-ANGPTL4 antibody (AA 138-167)[Go to Product page](#)

5 Images

Overview

Quantity:	0.4 mL
Target:	ANGPTL4
Binding Specificity:	AA 138-167
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANGPTL4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 138-167 from the human protein was used as the immunogen for this ANGPTL4 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	ANGPTL4
Alternative Name:	ANGPTL4 (ANGPTL4 Products)
Background:	ANGPTL4 is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This protein is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation

Target Details

activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes.

UniProt: [Q9BY76](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Titration of the ANGPTL4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

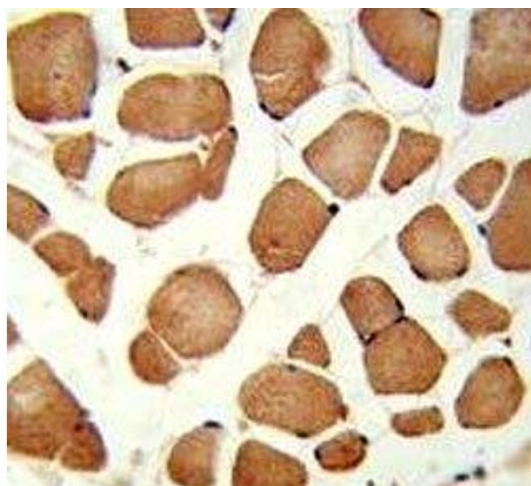
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

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: -20 °C

Storage Comment: Aliquot the ANGPTL4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



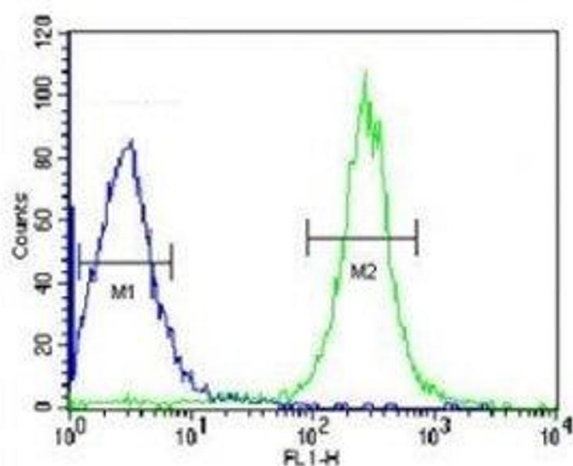
Immunohistochemistry

Image 1. IHC analysis of FFPE human skeletal muscle stained with ANGPTL4 antibody



Western Blotting

Image 2. Western blot analysis of ANGPTL4 antibody and mouse liver tissue lysate.



Flow Cytometry

Image 3. ANGPTL4 antibody flow cytometric analysis of HepG2 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3029955.