

Rabbit ADROPIN Polyclonal Antibody | anti-ENHO antibody

ADROPIN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40576	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ADROPIN; Polyclonal Antibody; ADROPIN Antibody; UNQ470; C9orf165; UNQ470/PRO830; Adropin; Energy homeostasis-associated protein; anti-ENHO antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADROPIN antibody is human, mouse and rat reactive. Despite its predicted molecular weight, ADROPIN often migrates at a higher than expected molecular weight in SDS-PAGE.
Purity/Purification	ADROPIN antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	76
Applicable Applications for anti-ENHO antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ADROPIN antibody was raised against an 18 amino acid peptide near the carboxy terminus of human ADROPIN. The immunogen is located within the last 50 amino acids of ADROPIN
Buffer	ADROPIN antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Bovine: 94%
Positive Control	Human Brain Tissue Lysate Human Brain Tissue Slide
Preparation and Storage	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of ADROPIN in human brain tissue with ADROPIN antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of ADROPIN in human brain tissue with ADROPIN antibody at 20 µg/mL.



WB (Western Blot)

Western blot analysis of ADROPIN in human brain tissue lysate with ADROPIN antibody at 2 μg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ENHO antibody	ADROPIN is a recently identified protein that has been implicated in the maintenance of energy homeostasis and insulin resistance (1-3). ADROPIN expression is regulated by energy status and dietary nutrient content and is altered by obesity and regulates the expression of hepatic lipogenic genes and adipose tissue peroxisome proliferator-activated receptor gamma (PPAR-gamma) (1). ADROPIN levels increase with dietary fat content (2). ADROPIN has also been proposed to play a role in the regulation of endothelial function (3).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	58218977
NCBI GeneID	375704
NCBI Accession #	NP_940975
NCBI GenBank Nucleotide #	NM_198573.2
UniProt Accession #	Q6UWT2; Q8N666
Molecular Weight	Predicted: 8 kDa Observed: 16 kDa
NCBI Official Full Name	adropin
NCBI Official Synonym Full Names	energy homeostasis associated
NCBI Official Symbol	ENHO
NCBI Official Synonym Symbols	UNQ470; C9orf165
NCBI Protein Information	adropin; GAAI470; energy homeostasis-associated protein
UniProt Protein Name	Adropin
UniProt Gene Name	ENHO
UniProt Synonym Gene Names	C9orf165
UniProt Entry Name	ENHO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/adropin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40576>