

Rabbit DAG1 Polyclonal Antibody | anti-DAG1 antibody

DAG1 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199704	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

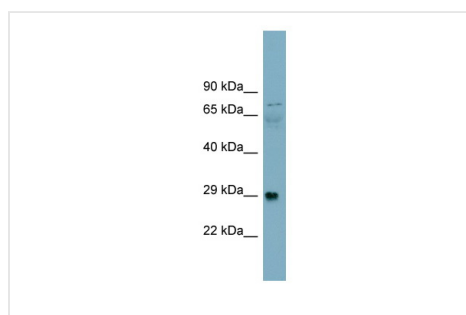
PRODUCT SYNONYMS

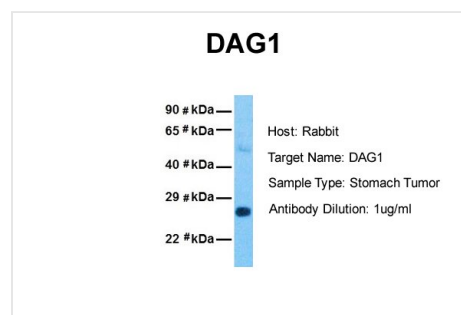
DAG1; Polyclonal Antibody; DAG1 Antibody - middle region; anti-DAG1 antibody

PRODUCT SPECIFICATIONS

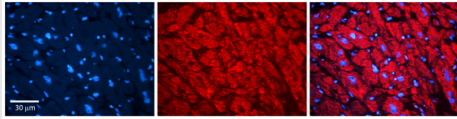
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: AI GPPTTAIQEP PSRIVPTPTS PAIAPPTETM APPVRDPVPG KPTVTIRT
Sequence Length	895
Applicable Applications for anti-DAG1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human alpha-DAG1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-Alpha-DAG1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Stomach

WB (Western Blot)

Host: Rabbit
Target Name: DAG1
Sample Tissue: Human Stomach Tumor
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
 Rabbit Anti-alpha-DAG1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human heart
 Tissue Observed Staining: Cytoplasmic
 Primary Antibody Concentration: N/A
 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-DAG1 antibody	This is a rabbit polyclonal antibody against alpha-DAG1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes dystroglycan, a central component of dystrophin-glycoprotein complex that links the extracellular matrix and the cytoskeleton in the skeletal muscle. The encoded preproprotein undergoes O- and N-glycosylation, and proteolytic processing to generate alpha and beta subunits. Certain mutations in this gene are known to cause distinct forms of muscular dystrophy. Alternative splicing results in multiple transcript variants, all encoding the same protein.
Product Categories/Family for anti-DAG1 antibody	Polyclonal; Membrane Protein; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	294997282
NCBI GeneID	1605
NCBI Accession #	NP_004384
NCBI GenBank Nucleotide #	NM_004393
UniProt Accession #	Q14118
Molecular Weight	27kDa
NCBI Official Full Name	dystroglycan preproprotein
NCBI Official Synonym Full Names	dystroglycan 1
NCBI Official Symbol	DAG1
NCBI Official Synonym Symbols	A3a; DAG; AGRNR; 156DAG; MDDGA9; MDDGC7; MDDGC9; LGMDR16
NCBI Protein Information	dystroglycan
UniProt Protein Name	Dystroglycan
UniProt Gene Name	DAG1
UniProt Synonym Gene Names	Alpha-DG; Beta-DG
UniProt Entry Name	DAG1_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.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/dag1-antibody-immunohistochemistry-western-blot-elisa/199704>