

Rabbit PIGA Polyclonal Antibody | anti-PIGA antibody

PIGA antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199541	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Guinea Pig, Horse, Pig, Rabbit, Zebrafish	Western Blot

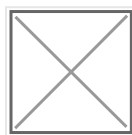
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Guinea Pig, Horse, Pig, Rabbit, 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.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: NH IICVSYTSKE NTVLRAALNP EIVSVIPNAV DPTDFTDPDF RRHDSIT
Sequence Length	484
Applicable Applications for anti-PIGA antibody	WB (Western Blot)
Homology	Cow: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PIGA
Protein Size (# AA)	484 amino acids
Protein Interactions	UBC; ELAVL1; PIGY; DPM2; PIGQ; PIGH; PIGP;
Blocking Peptide	For anti-PIGA antibody is Catalog #
Preparation and Storage	For short term use, store at 2°C to 8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PIGA Antibody Titration: 0.2-1 ug/ml Positive Control: OVCAR-3 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PIGA antibody	This is a rabbit polyclonal antibody against PIGA. It was validated on Western Blot Target Description: PIGA is a protein required for synthesis of N-acetylglucosaminyl phosphatidylinositol (GlcNAc-PI), the first intermediate in the biosynthetic pathway of GPI anchor. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. Paroxysmal nocturnal hemoglobinuria, an acquired hematologic disorder, has been shown to result from mutations in this gene.
Product Categories/Family for anti-PIGA antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	11863130
NCBI GeneID	5277
NCBI Accession #	NP_002632
NCBI GenBank Nucleotide #	NM_002641
UniProt Accession #	P37287
Molecular Weight	54kDa
NCBI Official Full Name	phosphatidylinositol N-acetylglucosaminyltransferase subunit A isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol glycan anchor biosynthesis class A
NCBI Official Symbol	PIGA
NCBI Official Synonym Symbols	GPI3; PNH1; PIG-A; MCAHS2
NCBI Protein Information	phosphatidylinositol N-acetylglucosaminyltransferase subunit A
UniProt Protein Name	Phosphatidylinositol N-acetylglucosaminyltransferase subunit A
UniProt Gene Name	PIGA
UniProt Synonym Gene Names	PIG-A
UniProt Entry Name	PIGA_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/piga-antibody-western-blot-elisa/199541>