

Rabbit anti-Human HIGD1A Polyclonal Antibody | anti-HIGD1A antibody

Rabbit anti-HIGD1A Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213321	Rabbit	Human	Immunoprecipitation, Western Blot

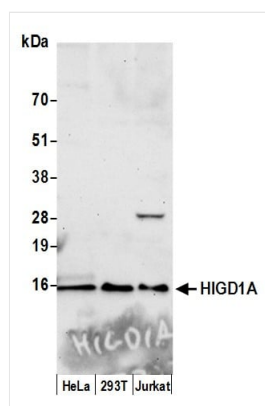
PRODUCT SYNONYMS

HIGD1A; Polyclonal Antibody; Rabbit anti-HIGD1A Antibody; Affinity Purified; HIG1; HIG1 domain family member 1A; mitochondrial; HIG1 domain family; member 1A; hypoxia inducible gene 1; hypoxia-inducible gene 1 protein; RCF1 homolog A; RCF1a; HIG1 hypoxia inducible domain family member 1A; anti-HIGD1A antibody

PRODUCT SPECIFICATIONS

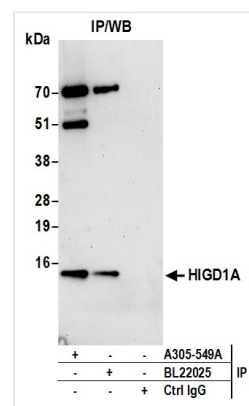
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HIGD1A antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human HIGD1A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HIGD1A antibody AAA213321 (lot AAA213321-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human HIGD1A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HIGD1A antibody AAA213321 (lot AAA213321-1) used for IP at 6 ug per reaction. HIGD1A was also immunoprecipitated by rabbit anti-HIGD1A antibody BL22025. For blotting immunoprecipitated HIGD1A, AAA213321 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-HIGD1A antibody	HIGD1A is a proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water.HIGD1A may play a role in the assembly of respiratory supercomplexes [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9Y241].
Product Categories/Family for anti-HIGD1A antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	25994
UniProt Accession #	Q9Y241
UniProt Protein Name	HIG1 domain family member 1A, mitochondrial
UniProt Gene Name	HIGD1A
UniProt Synonym Gene Names	HIG1; RCF1a
UniProt Entry Name	HIG1A_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/higd1a-antibody-immunoprecipitation-western-blot-elisa/213321>