

Rabbit anti-Human HOGA1 Polyclonal Antibody | anti-HOGA1 antibody

HOGA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235026	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

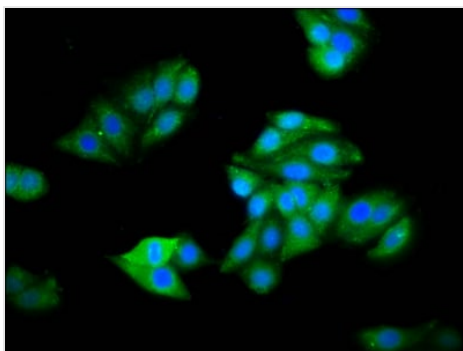
PRODUCT SYNONYMS

HOGA1; Polyclonal Antibody; HOGA1 Antibody; 4-hydroxy-2-oxoglutarate aldolase; mitochondrial; Dihydrodipicolinate synthase-like; DHGPS-like protein; Probable 2-keto-4-hydroxyglutarate aldolase; Probable KHG-aldolase; Protein 569272; C10orf65; DHGPSL; anti-HOGA1 antibody

PRODUCT SPECIFICATIONS

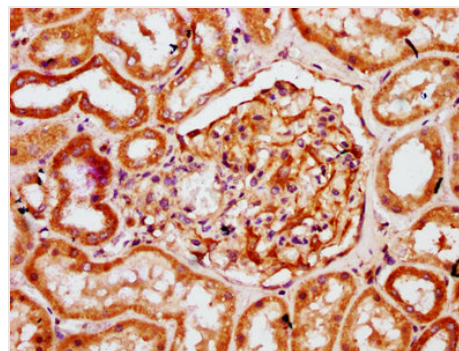
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	164
Applicable Applications for anti-HOGA1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human 4-hydroxy-2-oxoglutarate aldolase, mitochondrial protein (1-164AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA235026 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA235026 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-HOGA1 antibody	Catalyzes the final step in the metabolic pathway of hydroxyproline.
Product Categories/Family for anti-HOGA1 antibody	Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927274
NCBI GeneID	112817
NCBI Accession #	NP_001128142.1
NCBI GenBank Nucleotide #	NM_001134670.1
UniProt Accession #	Q86XE5; Q5T680; Q5T684; Q711P0; Q8N9F2; Q96EV5; A8K075
Molecular Weight	17,954 Da
NCBI Official Full Name	4-hydroxy-2-oxoglutarate aldolase, mitochondrial isoform 2
NCBI Official Synonym Full Names	4-hydroxy-2-oxoglutarate aldolase 1
NCBI Official Symbol	HOGA1
NCBI Official Synonym Symbols	HP3; NPL2; DHGPS2; DHGPSL; C10orf65
NCBI Protein Information	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
UniProt Protein Name	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
UniProt Gene Name	HOGA1
UniProt Synonym Gene Names	C10orf65; DHGPSL; DHGPS-like protein; Probable KHG-aldolase

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/hoga1-antibody-immunofluorescence-immunohistochemistry-elisa/235026>