

Rabbit OGDH Polyclonal Antibody | anti-OGDH antibody

Anti-OGDH Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261816	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

OGDH; Polyclonal Antibody; Anti-OGDH Antibody; 2-oxoglutarate dehydrogenase; mitochondrial; 2-oxoglutarate dehydrogenase complex component E1; OGDC-E1; Alpha-ketoglutarate dehydrogenase; anti-OGDH antibody

PRODUCT SPECIFICATIONS

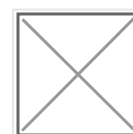
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of OGDH protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	427
Applicable Applications for anti-OGDH antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human OGDH
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of OGDH staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of OGDH expression in mouse heart (A), mouse brain (B), rat kidney (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-OGDH antibody	Rabbit polyclonal antibody to OGDH
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51873038
NCBI GeneID	4967

NCBI Accession #	NP_001003941.1
NCBI GenBank Nucleotide #	NM_001003941.2
UniProt Accession #	Q02218; Q96DD3; Q9UDX0; B4E2U9; D3DVL0; E9PBM1
Molecular Weight	48,180 Da
NCBI Official Full Name	2-oxoglutarate dehydrogenase, mitochondrial isoform 2
NCBI Official Synonym Full Names	oxoglutarate dehydrogenase
NCBI Official Symbol	OGDH
NCBI Official Synonym Symbols	E1k; OGDC; AKGDH
NCBI Protein Information	2-oxoglutarate dehydrogenase, mitochondrial
UniProt Protein Name	2-oxoglutarate dehydrogenase, mitochondrial
UniProt Gene Name	OGDH
UniProt Synonym Gene Names	OGDC-E1
UniProt Entry Name	ODO1_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/ogdh-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/261816>