

Product datasheet

Anti-OGDH antibody ab87057

★★★★☆ 2 Abreviews 1 Image

Overview

Product name	Anti-OGDH antibody
Description	Rabbit polyclonal to OGDH
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
Immunogen	Synthetic peptide corresponding to a region within N-terminal amino acids 2 - 51 (FHLRTCAAKL RPLTASQTVK TFSQNRPAAA RTFQQIRCYS APVAAEPFLS) of Human OGDH (NP_001003941) Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Fetal liver lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab87057** in the following tested applications.

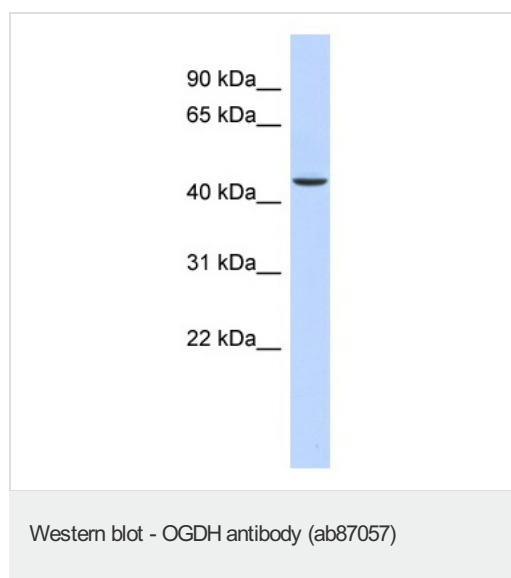
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	Use a concentration of 1 µg/ml. Predicted molecular weight: 48 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO ₂ . It contains multiple copies of three enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
Sequence similarities	Belongs to the alpha-ketoglutarate dehydrogenase family.
Cellular localization	Mitochondrion matrix.

Images



Anti-OGDH antibody (ab87057) at 1 µg/ml +
Human fetal liver lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/50000
dilution

Predicted band size : 48 kDa

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