


Product datasheet

Anti-DECR1 antibody ab76630

★★★★★ 2 Abreviews 2 Images

Overview

Product name	Anti-DECR1 antibody
Description	Mouse monoclonal to DECR1
Host species	Mouse
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Cow, Dog, Pig, Chimpanzee, Rhesus monkey 
Immunogen	Recombinant fragment: NVIQPGPIKT KGAFSRLDPT GTFEKEMIGR IPCGRLGTVE ELANLAAFLC SDYASWINGA VIKFDGGEEV LISGEFNDLR KVTKEQWDTI EELIRKTKGS, corresponding to amino acids 236-336 of Human DECR1 (NP_001350) with tag. Run BLAST with ExPASy Run BLAST with NCBI
Positive control	HepG2 cell lysate; Recombinant tagged human DECR1 fragment.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Monoclonal
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab76630** in the following tested applications.

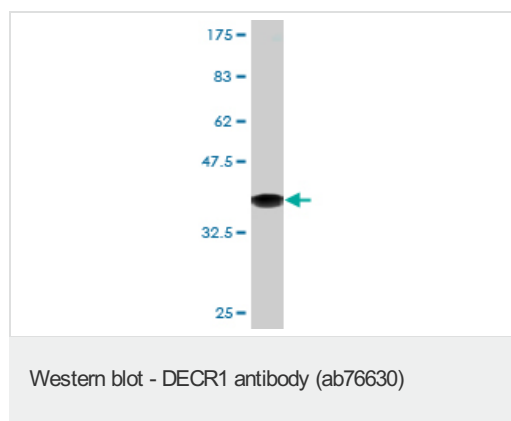
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 36 kDa.
ELISA		Use at an assay dependent dilution.

Target

Function	Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA.
Tissue specificity	Heart = liver = pancreas > kidney >> skeletal muscle = lung.
Sequence similarities	Belongs to the short-chain dehydrogenases/reductases (SDR) family, 2,4-dienoyl-CoA reductase subfamily.
Cellular localization	Mitochondrion.

Images



Anti-DECR1 antibody (ab76630) at 1 µg/ml +
Recombinant tagged human DECR1 fragment
at 0.2 µg

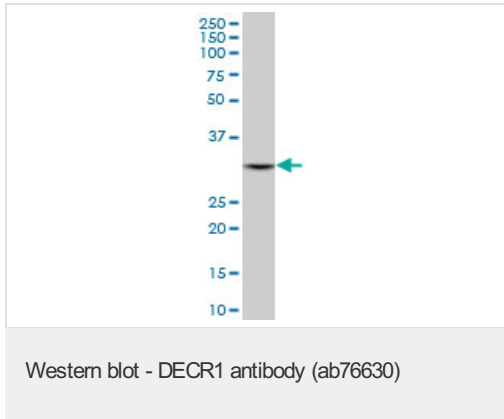
Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/5000
dilution

Predicted band size: 36 kDa

Observed band size: 37 kDa

Western blot against tagged recombinant
protein immunogen. Predicted band size of
immunogen is 37kDa.



Anti-DECR1 antibody (ab76630) at 1 µg/ml +
HepG2 cell lysate at 25 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP at 1/2500
dilution

Predicted band size: 36 kDa

Observed band size: 34 kDa

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