

Product datasheet

Anti-DECR1 antibody ab76630

★★★★★ 2 Abreviews 2 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-DECR1 antibody |
| Description | Mouse monoclonal to DECR1 |
| 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 ELANLAAFLLC 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

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|-----------------------------|--|
| 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.

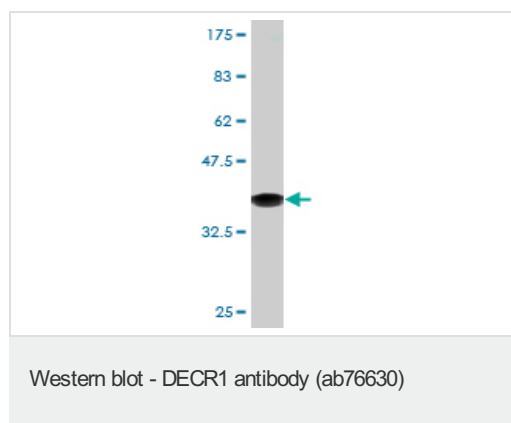
| Application | Abreviews | Notes |
|-------------|-----------|---|
| WB | ★★★★★ | Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 36 kDa. |

| Application | Abreviews | Notes |
|-------------|-----------|-------------------------------------|
| 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



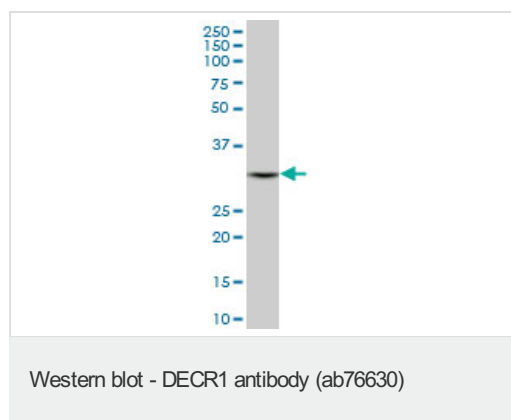
Anti-DECR1 antibody (ab76630) at 1 µg/ml +
Recombinant tagged human DECR1 fragment
at 0.2 µg

Secondary

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

Predicted band size : 36 kDa

Observed band size : 37 kDa



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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