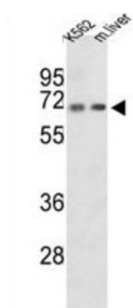
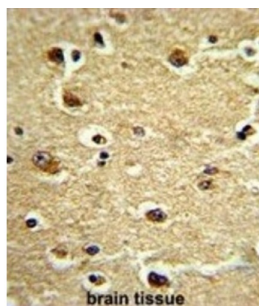
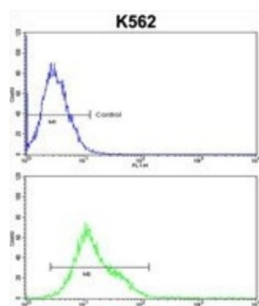


Carnitine O-Octanoyltransferase (CROT) Antibody

Catalogue No.: abx034347



CROT encodes a member of the carnitine/choline acetyltransferase family. The encoded protein converts 4, 8-dimethylnonanoyl-CoA to its corresponding carnitine ester. This transesterification occurs in the peroxisome and is necessary for transport of medium and long chain acyl-CoA molecules out of the peroxisome to the cytosol and mitochondria. The protein thus plays a role in lipid metabolism and fatty acid beta-oxidation. Alternatively spliced transcript variants have been described.

Target: Carnitine O-Octanoyltransferase (CROT)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, FCM

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/50 - 1/100, FCM: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 2.0.0
Revision date: 09 Jun 2025



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|----------------------------|--|
| Conjugation: | Unconjugated |
| Immunogen: | KLH-conjugated synthetic peptide between 49-79 amino acids from the N-terminal region of human CROT. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified Rabbit Polyclonal Antibody. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | Q9UKG9 (UniProt , ExPASy) |
| String: | 9606.ENSP00000413575 |
| Molecular Weight: | Calculated MW: 70.2 kDa |
| Buffer: | PBS containing 0.09% sodium azide. |
| Note: | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |