

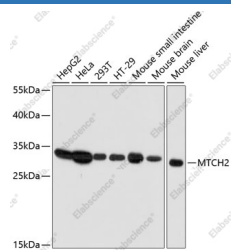
(KO Validated) MTCH2 Polyclonal Antibody

catalog number: E-AB-64383

Note: Centrifuge before opening to ensure complete recovery of vial contents.

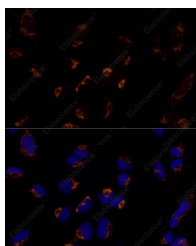
Description	
Reactivity	Human;Mouse
Immunogen	Recombinant fusion protein of human MTCH2 (NP_055157.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
WB	1:1000-1:3000
IF	1:50-1:200

Data

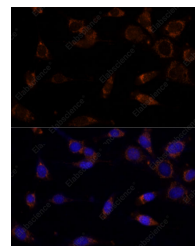


Western blot analysis of extracts of various cell lines using MTCH2 Polyclonal Antibody at dilution of 1:3000.

Observed-MW:33 kDa
Calculated-MW:33 kDa



Immunofluorescence analysis of U-2 OS cells using MTCH2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using MTCH2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

This gene encodes a member of the SLC25 family of nuclear-encoded transporters that are localized in the inner mitochondrial membrane. Members of this superfamily are involved in many metabolic pathways and cell functions. Genome-wide association studies in human have identified single-nucleotide polymorphisms in several loci associated with obesity. This gene is one such locus, which is highly expressed in white adipose tissue and adipocytes, and thought to play a regulatory role in adipocyte differentiation and biology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study showed this gene to be an authentic stop codon readthrough target, and that its mRNA can give rise to an additional C-terminally extended isoform by use of an alternative in-frame translation termination codon.