

MECR Rabbit pAb

CatalogNo: YT6590

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 41kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

Synthesized peptide derived from human MECR AA range: 160-210

Specificity

This antibody detects endogenous levels of MECR at Human/Mouse/Rat

| Target Information

Gene name

MECR NBRF1 CGI-63

Protein Name MECR

Organism	Gene ID	UniProt ID
Human	51102;	Q9BV79;
Mouse	26922;	Q9DCS3;
Rat	29470;	Q9Z311;

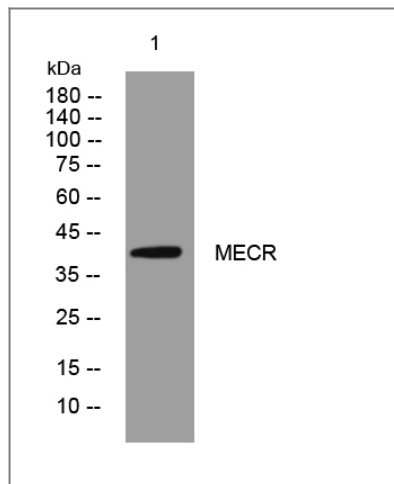
Cellular Localization

[Isoform 1]: Mitochondrion .; [Isoform 2]: Cytoplasm . Nucleus .

Tissue specificity Highly expressed in skeletal and heart muscle. Expressed at lower level in placenta, liver, kidney and pancreas. Weakly or not expressed in lung.

Function Catalytic activity:Acyl-CoA + NADP(+) = trans-2,3-dehydroacyl-CoA + NADPH.,Function:Catalyzes the reduction of trans-2-enoyl-CoA to acyl-CoA with chain length from C6 to C16 in an NADPH-dependent manner with preference to medium chain length substrate. May have a role in the mitochondrial synthesis of fatty acids.,similarity:Belongs to the zinc-containing alcohol dehydrogenase family. Quinone oxidoreductase subfamily.,subunit:Homodimer.,tissue specificity:Highly expressed in skeletal and heart muscle. Expressed at lower level in placenta, liver, kidney and pancreas. Weakly or not expressed in lung.,

Validation Data



Western blot analysis of lysates from MDA-MB cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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