

## ABCB8

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:** 80kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ABCB8

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MABC1; M-ABC1; EST328128;

**Catalog #:** A2653

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 11194

**Isotype:** IgG

**Swiss Prot:** Q9NUT2

**Purity:** Affinity purification

For research use only.

**Background:**

This nuclear gene encodes a multi-pass membrane protein that is targeted to the mitochondrial inner membrane. The encoded protein is an ATP-dependent transporter that may mediate the passage of organic and inorganic molecules out of the mitochondria. Loss of function of the related gene in mouse results in a disruption of iron homeostasis between the mitochondria and cytosol. Alternative splicing results in multiple transcript variants.

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