STOML2 Rabbit pAb

Catalog NO.: A10398

Basic Information

Observed MW
40kDa

Calculated MW
39kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Enables GTPase binding activity and cardiolipin binding activity. Involved in several processes, including inorganic cation transmembrane transport; positive regulation of cardiolipin metabolic process; and positive regulation of mitochondrial DNA replication. Located in membrane raft; mitochondrial inner membrane; and mitochondrial intermembrane space. Is extrinsic component of plasma membrane. Colocalizes with several cellular components, including COP9 signalosome; T cell receptor complex; and immunological synapse.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
30968

Swiss Prot
Q9UJZ1

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
SLP-2; HSPC108; STOML2

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

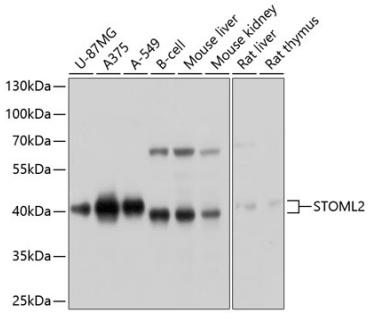
Source
Rabbit

Isotype
IgG

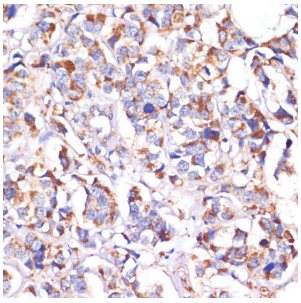
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using STOML2 Rabbit pAb (A10398) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using STOML2 Rabbit pAb (A10398) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.

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