

STOML2 Polyclonal Antibody

catalog number: E-AB-18689

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

Description

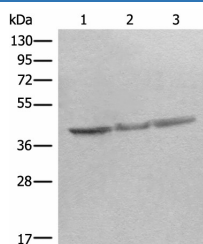
Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human STOML2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

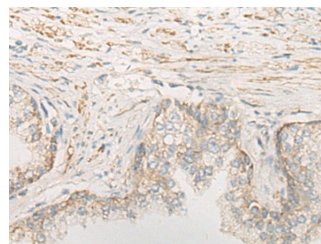
Recommended Dilution

WB	1:500-1:2000
IHC	1:20-1:100

Data



Western blot analysis of Mouse brain tissue Rat heart tissue
Rat brain tissue lysates using STOML2 Polyclonal Antibody
at dilution of 1:350



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using STOML2 Polyclonal Antibody at dilution of 1:25(×200)

Observed-MW:Refer to figures

Calculated-MW:39 kDa

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

Human stomatin (band 7.2b) is a 31-kDa erythrocyte membrane protein of unknown function but implicated in the control of ion channel permeability, mechanoreception, and lipid domain organization. Stomatin (EPB72)-like 2 (STOML2, synonyms: SLP-2, HSPC108) is a 38.5-kDa protein that is overall approximately 20% similar to human stomatin. STOML2 is also present in mature human erythrocytes, but lacks a characteristic NH₂-terminal hydrophobic domain found in other stomatin homologues. STOML2 may link stomatin or other integral membrane proteins to the peripheral cytoskeleton and thereby play a role in regulating ion channel conductances or the organization of sphingolipid and cholesterol-rich lipid rafts.

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