

## Anti-STOML2 antibody

<b>Cat. No.</b>	ml224881
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-STOML2 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Fusion protein of human STOML2
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.84 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	STOML2
<b>Full name</b>	stomatrin like 2

**Synonyms** SLP-2; HSPC108

**Swissprot** Q9UJZ1

### **Target Background**

Stomatin-like protein 2 (STOML2), SLP-2 or EPB72-like 2, is a 356 amino acid member of the mec-2 family of proteins. Expressed ubiquitously at low levels, STOML2 is highly expressed in heart, liver and pancreas. STOML2 is localized to the cytoplasm with some distribution on the membrane. STOML2 was first identified as an overexpressed protein in human endometrial adenocarcinoma. Changes in cell growth in samples with different levels of STOML2 indicate that STOML2 could play a role in endometrial tumorigenesis. STOML2 is also thought to play a role in regulating ion channel conductances or the organization of sphingolipid and cholesterol-rich lipid rafts.

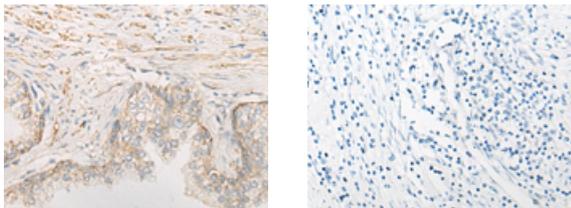
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml224881(STOML2 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size:39 kDa

Positive control:Mouse brain tissue, Rat heart tissue, Rat brain tissue lysates

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

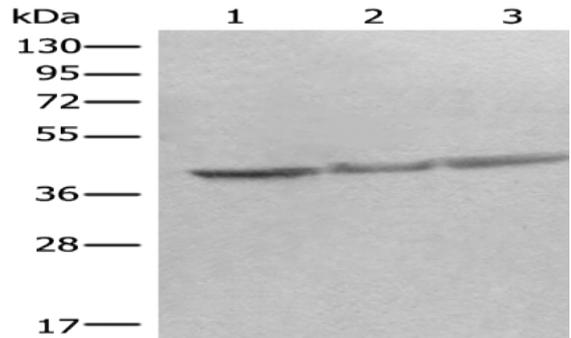
Lysate: 40  $\mu$ g

Lane 1-3: Mouse brain tissue, Rat heart tissue, Rat brain tissue lysates

Primary antibody: ml224881(STOML2 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



## ELISA

Recommended dilution: 5000-10000

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