# **STOML2 Polyclonal Antibody**

Catalog Number: E-AB-63380



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

#### Description

Reactivity Human, Mouse, Rat

**Immunogen** Recombinant fusion protein of human STOML2 (NP\_038470.1).

Host Rabbit
Isotype IgG

**Purification** Affinity purification

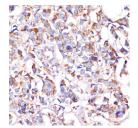
**Conjugation** Unconjugated

**Formulation** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Applications** Recommended Dilution

IHC 1:50-1:200

#### Data



Immunohistochemistry of paraffin-embedded Human breast cancer using STOML2 Polyclonal Antibody at dilution of 1:100 (40x lens).

## **Preparation & Storage**

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### **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 NH(2)-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.

#### For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web: <a href="mailto:www.elabscience.com">www.elabscience.com</a>
Email: <a href="mailto:techsupport@elabscience.com">techsupport@elabscience.com</a>