003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

STOML2 Polyclonal Antibody

Cat #: G-AB-04145

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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.

Gene ID:

Accession #: BC002442

Immunogen: Fusion protein of human STOML2

Conjugation: Unconjugated

Swissprot: Q9UJZ1

Calculated Molecular Weight: 39 kDa

Observed Molecular Weight: Refer to figures

Concentration: 0.84 mg/mL

Buffer: PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

Purification Method: Antigen affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:500-1:2000, IHC 1:20-1:100, ELISA 1:5000-1:10000

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