



TM4SF1 rabbit pAb

Cat No.:ES6146

For research use only

Overview

Product Name	TM4SF1 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human T4S1. AA range:1-50
Specificity	TM4SF1 Polyclonal Antibody detects endogenous levels of TM4SF1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Transmembrane 4 L6 family member 1
Gene Name	TM4SF1
Cellular localization	Membrane; Multi-pass membrane protein. Colocalizes with SDCBP2 in the apical region of the cell (PubMed:11102519). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4071
Human Swiss-Prot Number	P30408
Alternative Names	TM4SF1; M3S1; TAAL6; Transmembrane 4 L6 family member 1; Membrane component chromosome 3 surface marker 1; Tumor-associated antigen L6
Background	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the





presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface antigen and is highly expressed in different carcinomas. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using T4S1 Antibody. The picture on the right is blocked with the synthesized peptide.

