

TMEM66 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP54926

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q96BY9
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36975

Additional Information

Gene ID	51669
Other Names	Store-operated calcium entry-associated regulatory factor, SARAF, SOCE-associated regulatory factor, HBV X-transactivated gene 3 protein, HBV XAg-transactivated protein 3, Protein FOAP-7, Transmembrane protein 66, SARAF, TMEM66, XTP3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SARAF
Synonyms	TMEM66, XTP3
Function	Negative regulator of store-operated Ca(2+) entry (SOCE) involved in protecting cells from Ca(2+) overfilling. In response to cytosolic Ca(2+) elevation after endoplasmic reticulum Ca(2+) refilling, promotes a slow inactivation of STIM (STIM1 or STIM2)- dependent SOCE activity: possibly act by facilitating the deoligomerization of STIM to efficiently turn off ORAI when the endoplasmic reticulum lumen is filled with the appropriate Ca(2+) levels, and thus preventing the overload of the cell with excessive Ca(2+) ions.
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Translocates to the endoplasmic reticulum-plasma membrane (ER-PM) region in a STIM1-dependent manner following cytosolic Ca(2+) elevation
Tissue Location	Highly expressed in macrophages. {ECO:0000269 Ref.2}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.