

TMEM66 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54926

Specification

TMEM66 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF,

ICC

Primary Accession Q96BY9

Reactivity Rat, Pig, Dog,

Cow

Host Rabbit
Clonality Polyclonal
Calculated MW 36975

TMEM66 Polyclonal Antibody - 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

Format

0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

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.

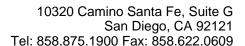
TMEM66 Polyclonal Antibody - Protein Information

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}

TMEM66 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture