

# FREM1 Rabbit pAb

Catalog No.: A16603

## Basic Information

### Observed MW

72kDa

### Calculated MW

244kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a basement membrane protein that may play a role in craniofacial and renal development. Mutations in this gene have been associated with bifid nose with or without anorectal and renal anomalies. Alternatively spliced transcript variants encoding different isoforms have been described. PubMed ID 19940113 describes one such variant that initiates transcription within a distinct, internal exon; the resulting shorter isoform (named Toll-like/interleukin-1 receptor regulator, TILRR) is suggested to be a co-receptor of the interleukin 1 receptor family and may regulate receptor function and Toll-like receptor/interleukin 1 receptor signal transduction, contributing to the control of inflammatory response activation.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

158326

### Swiss Prot

Q5H8C1

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1880-2179 of human FREM1 (NP\_659403.4).

### Synonyms

BNAR; MOTA; TILRR; TRIGNO2; C9orf143; C9orf145; C9orf154; FREM1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

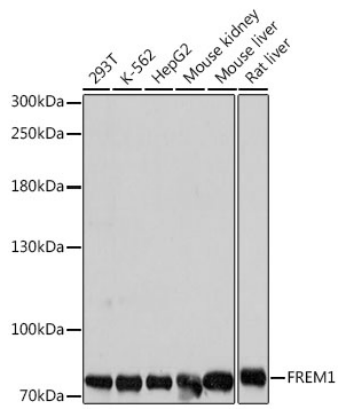
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using FREM1 Rabbit pAb (A16603) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.