

**FAM102A polyclonal antibody**

Catalog: BS35870

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Early estrogen-induced gene 1 protein: Key component of TNFSF11/RANKL- and TNF-induced osteoclastogenesis pathways, thereby mediates bone resorption in pathological bone loss conditions (By similarity). Required for TNFSF11/RANKL-induced osteoclastogenesis via its interaction with TNFSF11A/RANK, thereby facilitates the downstream transcription of NFATC1 and activation of PLCG2 (By similarity). Facilitates recruitment of the transcriptional repressor PRDM1/BLIMP1 to the promoter of the anti-osteoclastogenesis gene IRF8, thereby resulting in transcription of osteoclast differentiation factors (By similarity). May play a role in estrogen action

**Product:**

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**Molecular Weight:**

~41.8 kDa

**Swiss-Prot:**

Q5T9C2

**Purification&Purity:**

The antibody was purified by immunogen affinity chromatography.

**Applications:**

WB (1/500 - 1/1000)

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

Recognizes endogenous levels of FAM102A protein

**DATA:**

Western blot analysis of RNF8 expression in human fetal kidney (A) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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