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# FAM83H Rabbit pAb

FAM83H Rabbit pAb
Catalog # AP56069

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | Q6ZRV2 |
| **Reactivity** | Rat, Human, Mouse |
| **Predicted** | Dog, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 127122 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human FAM83H |
| **Epitope Specificity** | 1001-1179/1179 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **DISEASE** | Defects in FAM83H are the cause of amelogenesis imperfecta type 3 (AI3) [MIM:130900]. AI3 is an autosomal dominant hypomineralized form of amelogenesis imperfecta, a defect of enamel formation. AI3 is characterized by enamel of normal thickness, but soft and with cheesy consistency. Enamel is lost from tooth soon after eruption. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Made up of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital hypothyroidism and Waardenburg syndrome. The FAM83H gene product has been provisionally designated FAM83H pending further characterization. |

## Additional Information

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| **Gene ID** | 286077 |
| **Other Names** | Protein FAM83H, FAM83H (HGNC:24797) |

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| **Dilution** | IHC-P=1:100-500,IHC-F=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. |

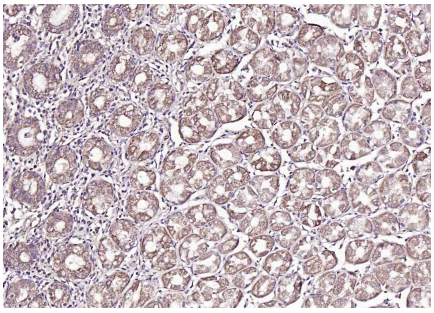
## Protein Information

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| **Name** | SACK1H ( HGNC:24797) |
| **Function** | May play a major role in the structural organization and calcification of developing enamel (PubMed:18252228). May play a role in keratin cytoskeleton disassembly by recruiting CSNK1A1 to keratin filaments. Thereby, it may regulate epithelial cell migration (PubMed:23902688). |
| **Cellular Location** | Cytoplasm, cytoskeleton. Cytoplasm Note=Colocalizes with keratin filaments. |
| **Tissue Location** | Expressed in the tooth follicle. |

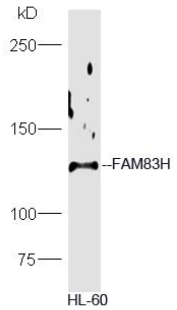
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## Images



Paraformaldehyde-fixed, paraffin embedded (Human stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (FAM83H) Polyclonal Antibody, Unconjugated (AP56069) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.




Protein: HL-60(human) lysate at 40ug;
Primary: rabbit Anti-FAM83H (AP56069) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000;
Predicted band size: 127 kD
Observed band size: 127 kD

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