

Rabbit anti-Human ENAM Polyclonal Antibody | anti-ENAM antibody

ENAM Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28699	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

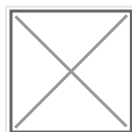
PRODUCT SYNONYMS

ENAM; Polyclonal Antibody; ENAM Antibody (C-term); Enamelin; anti-ENAM antibody

PRODUCT SPECIFICATIONS

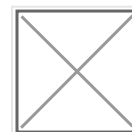
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This ENAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1097-1126 amino acids from the C-terminal region of human ENAM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	1097-1126
Sequence Length	1142
Applicable Applications for anti-ENAM antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000 IHC-P~~1:50~100 FC~~1:10~50
Function	Involved in the mineralization and structural organization of enamel. Involved un the extension of enamel during the secretory stage of dental enamel formation.
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UnitProtKB:O97939}
Tissue Location	Expressed in tooth particularly in odontoblast, ameloblast and cementoblast.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM (Flow Cytometry)

ENAM Antibody (C-term) (AAA28699) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

ENAM antibody(C-term) (AAA28699) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ENAM antibody(C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

ENAM Antibody (C-term) (AAA28699) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ENAM antibody detected the ENAM protein (arrow).

NCBI AND UNIPROT INFORMATION

NCBI GI #	189491628
NCBI GeneID	10117
NCBI Accession #	NP_114095.2
NCBI GenBank Nucleotide #	NM_031889.2
UniProt Accession #	Q9NRM1; Q17RI5; Q9H3D1
Molecular Weight	128785
NCBI Official Full Name	enamelin
NCBI Official Synonym Full Names	enamelin
NCBI Official Symbol	ENAM
NCBI Official Synonym Symbols	ADAI; AI1C; AIH2
NCBI Protein Information	enamelin
UniProt Protein Name	Enamelin
UniProt Gene Name	ENAM
UniProt Entry Name	ENAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/enam-antibody-western-blot-immunohistochemistry-flow-cytometry-elisa/28699>