

ODAM Rabbit pAb

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Catalog # AP57889

Product Information

Application	WB
Primary Accession	A1E959
Reactivity	Human
Predicted	Chimpanzee
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30777
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ODAM
Epitope Specificity	181-279/279
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	54959
Other Names	Odontogenic ameloblast-associated protein, Apin, ODAM, APIN
Dilution	WB=1:500-2000
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

Name	ODAM
Synonyms	APIN
Function	Tooth-associated epithelia protein that probably plays a role in odontogenesis, the complex process that results in the initiation and generation of the tooth. May be incorporated in the enamel matrix at the end of mineralization process. Involved in the induction of RHOA activity via interaction with ARHGEF and expression of downstream factors such as

ROCK. Plays a role in attachment of the junctional epithelium to the tooth surface.

Cellular Location

Secreted {ECO:0000250|UniProtKB:Q3HS83}. Cytoplasm. Nucleus

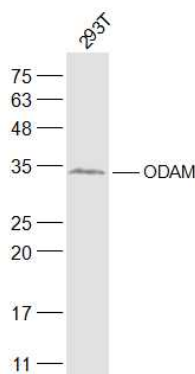
Tissue Location

Expressed in the junctional epithelium of healthy teeth. In periodontitis, absent in the pocket epithelium of the diseased periodontium but is detected in the gingival crevicular fluid

Background

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Images



Sample:

293T(Human) Cell Lysate at 30 ug

Primary: Anti-ODAM (AP57889) at 1/500 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 29 kD

Observed band size: 34 kD

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