

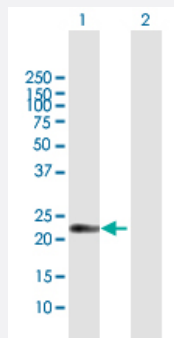
MaxPab®

AMELX MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000265-D01

Size 100 uL

Applications

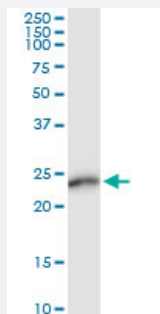


Western Blot (Transfected lysate)

Western Blot analysis of AMELX expression in transfected 293T cell line ([H00000265-T01](#)) by AMELX MaxPab polyclonal antibody.

Lane 1: AMELX transfected lysate(21.6 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of AMELX transfected lysate using anti-AMELX MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with AMELX purified MaxPab mouse polyclonal antibody (B01P) ([H00000265-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AMELX protein.
Immunogen	AMELX (NP_001133.1, 1 a.a. ~ 191 a.a) full-length human protein.
Sequence	MGTWILFACLLGAAFAMPLPPHPGHPGYNFSYEVL TPLKWYQSIRPPYPSYGYEPMGGWLHHQIIP VLSQQHPPTHTLQPHHHIPVVPAAQQPVIPQQPMMPVPGQHSMTPIQHHQPNLPPPAQQPYQPQP VQPQPHQPMQPPVHPMQPLPPQPPLPPMFPMQPLPMLPDLTLEAWPSTDKTKREEVD
Host	Rabbit
Reactivity	Human

Interspecies Antigen Sequence	Rat (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — AMELX

Entrez GeneID	265
GeneBank Accession#	NM_001142.2
Protein Accession#	NP_001133.1
Gene Name	AMELX
Gene Alias	AIH1, ALGN, AMG, AMGL, AMGX
Gene Description	amelogenin (amelogenesis imperfecta 1, X-linked)
Omim ID	300391 301200
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the amelogenin family of extracellular matrix proteins. Amelogenins are involved in biomineralization during tooth enamel development. Mutations in this gene cause X-linked amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000022906|OTTHUMP00000022907|amelogenin (X chromosome)|amelogenin (X chromosome, amelogenesis imperfecta 1)

Disease

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- [Dental Caries](#)
- [Diabetes Mellitus](#)
- [Edema](#)