

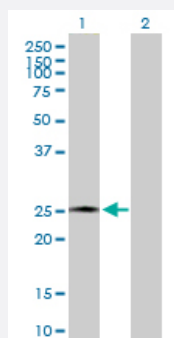
MaxPab®

AMELX purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000265-D01P

Size 100 ug

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(21.60 KDa).

Lane 2: Non-transfected lysate.

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	MGTWILFACLLGAAFAMPLPPHPGHPGYNFSYEVLTLKWYQSIRPPYPSYGYEPMGGWLHHQIIP VLSQQHPPTHLLQPHHHIPVVPAAQQPVIPQQPMMPVPGQHSMTPIQHHQPNLPPPAQQPYQPQP VQPQPHQPMQPQPPVHPMQPLPPQPPLPPMFPMQPLPMLPDLTLEAWPSTDKTKREEVD
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Rat (79)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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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)

Publication Reference

- [Cloning and Expression Analysis of Human Amelogenin in Nicotiana benthamiana Plants by Means of a Transient Expression System.](#)

Pegoraro M, Matic S, Pergolizzi B, Iannarelli L, Rossi AM, Morra M, Noris E.

Molecular Biotechnology 2017 Oct; 59(9-10):425.

Application: WB-Tr, N. benthamiana plants, Leaf tissue

Disease

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