

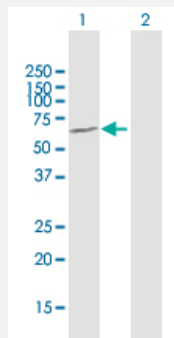
MaxPab®

AMBN purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000258-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of AMBN expression in transfected 293T cell line by AMBN MaxPab polyclonal antibody.

Lane 1: AMBN transfected lysate(49.17 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human AMBN protein.

Immunogen

AMBN (NP_057603.1, 1 a.a. ~ 447 a.a) full-length human protein.

Sequence

MSASKIPLFKMKDLILCLLEMSFAVPFFPQQSGTPGMASLSLETMRQLGSLQRLNTLSQYSRYG
FGKSFNSLWMHGLLPPHSSLPWMPREHETQQYEYSLPVHPPPLPSQPSLKPQQPGLKPFLQS
AAATTNQATALKEALQPPIHLGHLPLQEGELPLVQQQVAPSDKPPKPELPGVDFADPQGPSLPG
MDFPDPQGPSLPGLDFAADPQGSTIFQIARLISHGMPQNKQSPLYPGMLYVPFGANQLNAPARLG
IMSSEEVAGGREDPMAYGAMFPGFGGMRPGFEGMPHNPAMGGDFLEFDSPVAATKGPENEE
GGAQGSPMPEANPDNLENPAFLTELEPAPHAGLLALPKDDIPGLRSPSGKMKGLPSVTPAAAD
PLMTPELADVYRTYDADMTTSVDFQEEATMDTTMAPNSLQTSMPGNKAQEPEMMHDAWHFQE
P

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (58); Rat (61)

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.

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[Protocol Download](#)

Gene Info — AMBN

Entrez GeneID[258](#)**GeneBank Accession#**[NM_016519](#)**Protein Accession#**[NP_057603.1](#)**Gene Name**

AMBN

Gene Alias

-

Gene Description

ameloblastin (enamel matrix protein)

Omim ID[601259](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Ameloblastin is thought to represent an unique ameloblast-specific gene product that may be important in enamel matrix formation and mineralization. The gene is located on chromosome 4 near other genes associated with mineralized tissues: osteopontin, bone sialoprotein, and bone morphogenetic protein 3. Based on its cytogenetic location, this gene is a candidate gene for one form of the disorder, dentinogenesis imperfecta, and/or the disorder, autosomal dominant amylogenesis imperfecta. [provided by RefSeq]

Other Designations

ameloblastin

Disease

- [Dental Caries](#)