

Datasheet

AMTN polyclonal antibody

Catalog Number: PAB22952

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant AMTN.

Immunogen: Recombinant protein corresponding to amino acids of human AMTN.

Sequence:

SLPQLKPALGLPPTKLAPDQGTLPNQQQSNQVFPSLS
LIPLTQMLTLGPDHLHLLNPAAGMTPGTQTHPLTLGGLN
VQQQLHPHVLPIFVTQLGAQ

Host: Rabbit

Reactivity: Human

Applications: IHC-P

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry

(1:50-1:200)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 401138

Gene Symbol: AMTN

Gene Alias: MGC148132, MGC148133, UNQ689

Gene Summary: The mineralized portions of teeth, the dentin and enamel, are formed by mesenchyme-derived odontoblasts and epithelium-derived ameloblasts, respectively. As ameloblasts differentiate, they deposit specific proteins necessary for enamel formation, including amelogenin (AMELX; MIM 300391), enamelin (ENAM; MIM 606585), and ameloblastin (AMBN; MIM 601259), in the organic enamel matrix. Amelotin is specifically expressed in maturation-stage ameloblasts (Iwasaki et al., 2005 [PubMed 16304441]).[supplied by OMIM]