

Datasheet for ABIN2788822
anti-AMBN antibody (C-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	AMBN
Binding Specificity:	C-Term
Reactivity:	Human, Dog, Guinea Pig, Sheep, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMBN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RPGFEGMPHN PAMGGDFTLE FDSPVAATKG PENEEGGAQG SPMPEANPDN
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Sheep: 79%
Characteristics:	This is a rabbit polyclonal antibody against AMBN. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	AMBN
Alternative Name:	AMBN (AMBN Products)
Background:	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

Target Details

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 amyogenesis imperfecta.

Alias Symbols: -

Protein Size: 447

Molecular Weight: 49 kDa

Gene ID: 258

NCBI Accession: [NM_016519](#), [NP_057603](#)

UniProt: [Q9NP70](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 447 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

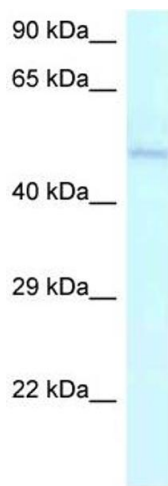
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Nakahara, Tominaga, Toyomura, Tachibana, Ide, Ishikawa: "Isolation and characterization of embryonic ameloblast lineage cells derived from tooth buds of fetal miniature swine." in: **In vitro cellular & developmental biology. Animal**, Vol. 52, Issue 4, pp. 445-53, (2016) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-AMBN Antibody Titration: 1.0 ug/ml Positive Control: Jurkat Whole Cell