



# Ameloblastin rabbit pAb

Cat No.:ES5439

For research use only

## Overview

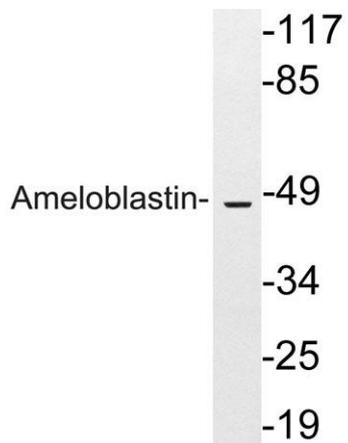
<b>Product Name</b>	Ameloblastin rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Ameloblastin. AA range:275-324
<b>Specificity</b>	Ameloblastin Polyclonal Antibody detects endogenous levels of Ameloblastin protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Ameloblastin
<b>Gene Name</b>	AMBN
<b>Cellular localization</b>	Secreted, extracellular space, extracellular matrix.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48kD
<b>Human Gene ID</b>	258
<b>Human Swiss-Prot Number</b>	Q9NP70
<b>Alternative Names</b>	AMBN; Ameloblastin
<b>Background</b>	This gene encodes the nonamelogenin enamel matrix protein ameloblastin. The encoded protein may be important in enamel matrix formation and mineralization. This gene is located in the calcium-binding phosphoprotein gene cluster on chromosome 4. Mutations in this gene may be associated with dentinogenesis imperfect and





**ELK Biotechnology**

autosomal dominant amyogenesis imperfect.  
[provided by RefSeq, Aug 2011],



Western blot analysis of lysates from HeLa cells, using Ameloblastin antibody.



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C