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## Datasheet for ABIN7466462 **anti-AMELX antibody**

### Overview

Quantity:	100 µL
Target:	AMELX
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMELX antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human AMELX. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	AMELX
Alternative Name:	amelogenin X-linked ( <a href="#">AMELX Products</a> )
Background:	Amelogenin X-linked , AI1E , AIH1 , ALGN , AMG , AMGL , AMGX, 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

## Target Details

	amelogenesis imperfecta. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]
Molecular Weight:	22 kDa
Gene ID:	265
UniProt:	<a href="#">Q99217</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Jurkat , NIH-3T3
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1.22 mg/mL
Buffer:	1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.