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## Datasheet for ABIN185633 **anti-PREP antibody (Internal Region)**

### Overview

Quantity:	100 µg
Target:	PREP
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PREP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

### Product Details

Purpose:	Prolyl Endopeptidase / PREP
Immunogen:	Peptide with sequence C-QYIVGRSRKQSNP, from the internal region of the protein sequence according to NP_002717.3.
Sequence:	QYIVGRSRKQ SNP
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	PREP
Alternative Name:	PREP ( <a href="#">PREP Products</a> )
Background:	PREP, prolyl endopeptidase , HGNC:9358, MGC16060, PE, PEP , OTTHUMP00000040498, dJ355L5.1 (prolyl endopeptidase), post-proline cleaving enzyme
Gene ID:	5550, 19072, 83471
NCBI Accession:	<a href="#">NP_002717</a>

## Application Details

Application Notes:	<p>Immunohistochemistry: Paraffin embedded Human Kidney and Tonsil. Recommended concentration: 3.75 µg/mL.</p> <p>Western Blot: Preliminary experiments gave an approx 45 kDa band in Human Brain, Lymph Node, Spleen and Testis lysates after 0.3 µg/mL antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe giv</p> <p>Peptide ELISA: antibody detection limit dilution 1:16000.</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.