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Datasheet for ABIN204944  
**anti-XPNPEP2 antibody (AA 23-650)**

## Overview

Quantity:	100 µg
Target:	XPNPEP2
Binding Specificity:	AA 23-650
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This XPNPEP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

## Product Details

Immunogen:	NS0-derived recombinant human APP2, aa 23-650.
Isotype:	IgG2b
Specificity:	Recognizes human X-Prolyl Aminopeptidase P2. Cross-reactivity: recombinant mouse APP2 ~25 % and no cross-reactivity with recombinant human XPNPEP1.
Purification:	Protein G purified
Sterility:	0.2 µm filtered

## Target Details

Target:	XPNPEP2
Alternative Name:	XPNPEP2 ( <a href="#">XPNPEP2 Products</a> )

## Target Details

Background:	Name/Gene ID: XPNPEP2 Subfamily: Metallopeptidase M24B Family: Protease  Synonyms: XPNPEP2, APP2, MAmP, Membrane-bound APP, X-prolyl aminopeptidase 2, Xaa-Pro aminopeptidase 2, X-Pro aminopeptidase 2, Membrane-bound AmP
Gene ID:	7512
UniProt:	<a href="#">O43895</a>

## Application Details

Application Notes:	Approved: ELISA, IP (25 µg/mL), WB (1 - 2 µg/mL)  Usage: Suitable for use ELISA, Immunoprecipitation and Western Blot. ELISA (Direct): 0.5-1.0 µg/mL. Detection limit for rhAPP2 is approximately 2 ng/well. Western Blot: 1-2 µg/mL. Detection limit for rhAPP2 is approximately 5 ng/lane under non-reducing and reducing conditions. Chemiluminescent detection will increase sensitivity by 5 to 50 fold. Immunoprecipitation: 25 µg/mL. Immunoprecipitate rhAPP2 from conditioned cell culture medium. The recovered rhAPP2 can be detected in Western blots using a polyclonal antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with sterile 40-50 % glycerol, PBS.
Concentration:	Lot specific
Buffer:	Lyophilized from a 0.2 um filtered solution in PBS, 5 % trehalose.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.