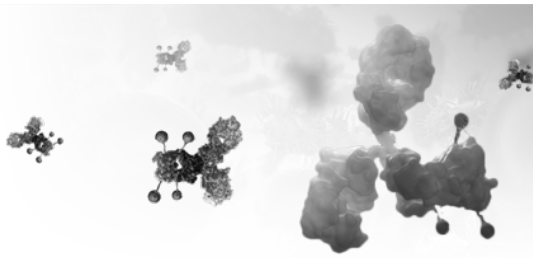

Rabbit Anti-Human XPNPEP2 monoclonal antibody, clone S219 (CABT-ZB754)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human XPNPEP2
Target	XPNPEP2
Immunogen	Recombinant Human XPNPEP2 Protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	S219
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB754 - CABT-ZB1067 This antibody will detect XPNPEP2 in antibody pair set. [ABPR-ZB334]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human XPNPEP2.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

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Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Aminopeptidase P (APP) is a hydrolase specific for N-terminal imido bonds, which are common to several collagen degradation products, neuropeptides, vasoactive peptides, and cytokines. A membrane-bound and soluble form of this enzyme (XPNPEP2) have been identified as products of two separate genes. XPNPEP2, the X-linked gene that encodes membranous aminopeptidase P (APP), has been reported to associate with APP activity. The membrane aminopeptidase P (XPNPEP2) is largely limited in distribution to endothelia and brush border epithelia. APP and XPNPEP2 contain homologous blocks of sequence common to members of the "pita bread-fold" protein family, of which Escherichia coli methionine aminopeptidase is the prototype. The C-2399A variant in XPNPEP2 is associated with reduced APP activity and a higher incidence of AE-ACEi. XPNPEP2 mRNA was detected in fibroblasts that carry the translocation, suggesting that this gene at least partially escapes X inactivation. XPNPEP2 is a candidate gene for premature ovarian failure (POF).
Keywords	XPNPEP2; X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound; xaa-Pro aminopeptidase 2; Aminoacylproline aminopeptidase

GENE INFORMATION

Synonyms	XPNPEP2; X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound; xaa-Pro aminopeptidase 2; Aminoacylproline aminopeptidase; mAmP; mAPP; Membrane bound aminopeptidase P; Membrane bound AmP; Membrane bound APP; Membrane-bound aminopeptidase P; Membran
Entrez Gene ID	7512
UniProt ID	O43895

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