

PP11 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57843

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P21128
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46872
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PP11
Epitope Specificity	161-260/410
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
SIMILARITY	Belongs to the ENDOU family. Contains 2 SMB (somatomedin-B) domains.
Post-translational modifications	It has been suggested that the active SMB domain may be permitted considerable disulfide bond heterogeneity or variability, thus two alternate disulfide patterns based on 3D structures are described with 1 disulfide bond conserved in both.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein with protease activity and is expressed in the placenta. The protein may be useful as a tumor marker. Multiple alternatively spliced transcript variants have been found for this protein. [provided by RefSeq, Feb 2010]

Additional Information

Gene ID	8909
Other Names	Poly(U)-specific endoribonuclease, 3.1.-., Placental protein 11, PP11, Protein endoU, Uridylate-specific endoribonuclease, ENDOU
Target/Specificity	Placental-specific, but also associated with various malignant neoplasms.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ENDOU
Function	Endoribonuclease that cleaves single-stranded RNAs at 5' of uridylates and releases a product with a 2',3'-cyclic phosphate at the 3'-end. The UU and GU sites are more efficiently cleaved than CU and AU sites (PubMed: 18936097). Targets mRNAs to regulate their expression (PubMed: 37803019).
Cellular Location	Secreted.
Tissue Location	Placental-specific, but also associated with various malignant neoplasms

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.