

Immunotag™ PAPP2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2054
Product Description	Immunotag™ PAPP2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PAPP2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PAPP2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PAPPA2 PLAC3
Accession No.	Q9BXP8
Description	pappalysin 2(PAPPA2) Homo sapiens This gene encodes a member of the pappalysin family of metzincin metalloproteinases. The encoded protein cleaves insulin-like growth factor-binding protein 5 and is thought to be a local regulator of insulin-like growth factor (IGF) bioavailability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010],
Protein Expression	Brain,Placenta,Pooled,Term placenta,

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Subcellular Localization	extracellular region,intracellular,extracellular exosome,
Protein Function	catalytic activity:Cleavage of the 143-Ser- -Lys-144 bond in insulin-like growth factor binding protein (IGFBP)-5.,cofactor:Binds 1 zinc ion per subunit.,function:Metalloproteinase which specifically cleaves IGFBP-5. Shows limited proteolysis toward IGFBP-3.,similarity:Belongs to the peptidase M43B family.,similarity:Contains 5 Sushi (CCP/SCR) domains.,subunit:Monomer.,tissue specificity:Expressed abundantly in placenta, and non-pregnant mammary gland with low expression in the kidney, fetal brain and pancreas.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.