

Anti-PAPPA Antibody (1X123)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 170 kDa.
Clone:	1X123
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PAPPA Monoclonal Antibody, Unconjugated (TMAB-09976) at 1: 200 overnight at 4°C, followed by conjugation to the SP KiT (Mouse) and DAB staining.
Application:	ELISA,IF,IHC-P,IHC-Fr
Recommended	ELISA: 1:30-3000; IF: 1:100-200; IHC-P: 1:100-200; IHC-Fr: 1:100-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PAPPA
Antigen Species:	Human
Gene ID:	5069
Uniprot ID:	Q13219

Research Background

Metalloproteinase which specifically cleaves IGFBP-4 and IGFBP-5, resulting in release of bound IGF. Cleavage of IGFBP-4 is dramatically enhanced by the presence of IGF, whereas cleavage of IGFBP-5 is slightly inhibited by the presence of IGF.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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