

PAPPA Conjugated Antibody

Catalog No: #C37794



Package Size: #C37794-AF350 100ul #C37794-AF405 100ul #C37794-AF488 100ul
 #C37794-AF555 100ul #C37794-AF594 100ul #C37794-AF647 100ul
 #C37794-AF680 100ul #C37794-AF750 100ul #C37794-Biotin 100ul

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Description

Product Name	PAPPA Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PAPPA protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human pregnancy-associated plasma protein A, pappalysin 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PAPA; DIPLA1; PAPP-A; PAPPA1; ASBABP2; IGFBP-4ase
Accession No.	Swiss-Prot#:Q13219NCBI Gene ID:5069NCBI Protein#:NP_008934
Uniprot	Q13219
GeneID	5069;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a secreted metalloproteinase which cleaves insulin-like growth factor binding proteins (IGFBPs). It is thought to be involved in local proliferative processes such as wound healing and bone remodeling. Low plasma level of this protein has been suggested as a biochemical marker for pregnancies with aneuploid fetuses.

Note: This product is for in vitro research use only