PAPPA-AS1 Conjugated Antibody

Catalog No: #C43780

Package Size: #C43780-AF350 100ul #C43780-AF405 100ul #C43780-AF488 100ul #C43780-AF555 100ul #C43780-AF594 100ul #C43780-AF647 100ul #C43780-AF680 100ul #C43780-AF750 100ul #C43780-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PAPPA-AS1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PAPPA-AS1 protein.
Immunogen Description	Synthetic peptide of human PAPPA-AS1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DIPAS;TAF4B;PAPPAS;TAF2C2;PAPPAAS;PAPPA-AS;TAFII105;NCRNA00156
Accession No.	Swiss-Prot#:Q5QFB9NCBI Gene ID:493913NCBI Protein#:AAV41519
Uniprot	Q5QFB9
GeneID	:493913
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

PAPP A was originally isolated from pregnancy serum as heterotetrameric protein complex with molecular weight approximately 500 kDa, consisting of two PAPP A subunits disulfide-linked with two subunits of the proform of eosinophil major basic protein (proMBP). In such a complex proMBP functions as an inhibitor of PAPP A proteinase activity. PAPP A is widely used as a marker of some pathologies during pregnancy. Reduced level of PAPP A in pregnancy blood in the first trimester is associated with fetal Down syndrome. PAPP A is considered as one of the best biochemical markers in early pregnancy used to screen for Down syndrome during the first trimester (Wald, N. J. et al).

Note: This product is for in vitro research use only