

## IMPAD1 Conjugated Antibody

Catalog No: #C37654



Package Size: #C37654-AF350 100ul #C37654-AF405 100ul #C37654-AF488 100ul  
 #C37654-AF555 100ul #C37654-AF594 100ul #C37654-AF647 100ul  
 #C37654-AF680 100ul #C37654-AF750 100ul #C37654-Biotin 100ul

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## Description

Product Name	IMPAD1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total IMPAD1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human inositol monophosphatase domain containing 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GPAPP; IMP 3; IMP-3; IMPA3
Accession No.	Swiss-Prot#:Q9NX62NCBI Gene ID:54928NCBI Protein#:NP_598328
Uniprot	Q9NX62
GeneID	54928;
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

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This gene encodes a member of the inositol monophosphatase family. The encoded protein is localized to the Golgi apparatus and catalyzes the hydrolysis of phosphoadenosine phosphate (PAP) to adenosine monophosphate (AMP). Mutations in this gene are a cause of GRAPP type chondrodysplasia with joint dislocations, and a pseudogene of this gene is located on the long arm of chromosome 1.

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Note: This product is for in vitro research use only