

PRTFDC1 Conjugated Antibody

Catalog No: #C43388



Package Size: #C43388-AF350 100ul #C43388-AF405 100ul #C43388-AF488 100ul
 #C43388-AF555 100ul #C43388-AF594 100ul #C43388-AF647 100ul
 #C43388-AF680 100ul #C43388-AF750 100ul #C43388-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PRTFDC1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PRTFDC1 protein.
Immunogen Description	Full length fusion protein of human PRTFDC1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HHGP
Accession No.	Swiss-Prot#:Q9NRG1NCBI Gene ID:56952NCBI mRNA#:BC008662
Uniprot	Q9NRG1
GeneID	56952;
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

PRTFDC1 (phosphoribosyltransferase domain-containing protein 1), also known as HHGP, is a 225 amino acid protein that belongs to the purine/pyrimidine phosphoribosyltransferase family. The functions of PRTFDC1 are not well understood; however it has been suggested that it is frequently silenced in oral squamous-cell carcinomas by aberrant promoter hypermethylation. Conserved in vertebrates, PRTFDC1 is suggested to be a possible tumor-suppressor. PRTFDC1 is encoded by a gene which maps to chromosome 10. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of the total DNA in cells and encodes nearly 1,200 genes. Three isoforms of PRTFDC1 exist due to alternative splicing events. Has low, barely detectable phosphoribosyltransferase activity (in vitro). Binds GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). Is not expected to contribute to purine metabolism or GMP salvage.

Note: This product is for in vitro research use only