

NUDT14 Conjugated Antibody

Catalog No: #C43376



Package Size: #C43376-AF350 100ul #C43376-AF405 100ul #C43376-AF488 100ul
 #C43376-AF555 100ul #C43376-AF594 100ul #C43376-AF647 100ul
 #C43376-AF680 100ul #C43376-AF750 100ul #C43376-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | NUDT14 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total NUDT14 protein. |
| Immunogen Description | Full length fusion protein of human NUDT14 |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | UGPP; UGPPase |
| Accession No. | Swiss-Prot#:O95848NCBI Gene ID:256281NCBI mRNA#:BC041584 |
| Uniprot | O95848 |
| GeneID | 256281; |
| 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

UDP-glucose (UDPG) acts as the sugar donor in numerous glycosylation reactions, including those involved in the production of glycogen. NUDT14 is a UDPG pyrophosphatase (EC 3.6.1.45) that hydrolyzes UDPG to produce glucose 1-phosphate and UMP (Yagi et al., 2003 [PubMed 12429023]).

Note: This product is for in vitro research use only