

NDRG1 Conjugated Antibody

Catalog No: #C49614



Package Size: #C49614-AF350 100ul #C49614-AF405 100ul #C49614-AF488 100ul

#C49614-AF555 100ul #C49614-AF594 100ul #C49614-AF647 100ul

#C49614-AF680 100ul #C49614-AF750 100ul #C49614-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	NDRG1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	42 kDa antibody Anti GC4 antibody cap43 antibody cmt4d antibody Differentiation related gene1 protein antibody Differentiation-related gene 1 protein antibody Drg 1 antibody DRG-1 antibody drg1 antibody gc4 antibody GC4 antibody antibody hmsnl antibody Human mRNA for RTP complete cds antibody N myc downstream regulated gene 1 antibody N myc downstream regulated gene 1 protein antibody N-myc downstream-regulated gene 1 protein antibody Ndr 1 antibody ndr1 antibody NDRG 1 antibody Ndr1 antibody NDRG1 protein antibody NDRG1_HUMAN antibody Nickel specific induction protein antibody Nickel specific induction protein Cap43 antibody Nickel-specific induction protein Cap43 antibody nmsl antibody Nmyc downstream regulated antibody Nmyc downstream regulated gene1 antibody Nmyc downstream regulated gene1 protein antibody Protein NDRG1 antibody Protein regulated by oxygen 1 antibody Protein regulated by oxygen1 antibody Proxy1 antibody Reduced in tumor antibody Reducin antibody Reducing agents and tunicamycin responsive protein antibody Reducing agents and tunicamycin-responsive protein antibody Rit42 antibody RTP antibody targ1 antibody TDD5 antibody tdds antibody Tunicamycin responsive protein antibody
Accession No.	Swiss-Prot#:Q92597
Uniprot	Q92597
GeneID	10397;
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
Calculated MW	43 kDa
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

The N-myc downstream regulated gene (NDRG) family is comprised of four members, NDRG1 (also designated Drg1, RTP, rit42, Cap43 and Ndr1), NDRG2, NDRG3 and NDRG4, which share 57-65% homology. The NDRG1 gene, which maps to human chromosome 8q24.22, is evolutionarily conserved and is similarly regulated in humans, mice and rats. Like NDRG2 and NDRG3, NDRG1 is ubiquitously expressed, but it is expressed most prominently in placental membranes and prostate, kidney, small intestine and ovary tissue. NDRG1 gene expression is induced by several compounds, including nickel, and produces a protein involved in stress responses, hormone responses, cell growth and differentiation. The gene encoding NDRG3 maps to human chromosome 20q11.23 and is predominantly expressed in testis, prostate and ovary, which suggests it may play a role in spermatogenesis.

Note: This product is for in vitro research use only