

Immunotag™ NDRG4 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3006
Product Description	Immunotag™ NDRG4 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NDRG4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human NDRG4. AA range:187-236
Specificity	NDRG4 Polyclonal Antibody detects endogenous levels of NDRG4 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NDRG4
Accession No.	Q9ULP0 Q8BTG7 Q9Z2L9
Alternate Names	NDRG4; BDM1; KIAA1180; Protein NDRG4; Brain development-related molecule 1; N-myc downstream-regulated gene 4 protein; Vascular smooth muscle cell-associated protein 8; SMAP-8

Antibody Specification

Description	NDRG family member 4(NDRG4) Homo sapiens This gene is a member of the N-myc downregulated gene family which belongs to the alpha/beta hydrolase superfamily. The protein encoded by this gene is a cytoplasmic protein that is required for cell cycle progression and survival in primary astrocytes and may be involved in the regulation of mitogenic signalling in vascular smooth muscles cells. Alternative splicing results in multiple transcripts encoding different isoforms.[provided by RefSeq, Jun 2011],
Protein Expression	Amygdala,Brain,Cerebellum,Heart,Hippocampus,Muscle,Spleen,
Subcellular Localization	cytoplasm,mitochondrion,endoplasmic reticulum membrane,cytosol,integral component of membrane,basolateral plasma membrane,cell projection membrane,
Protein Function	function:May play a role in the early postnatal development and function of neuronal cells.,similarity:Belongs to the NDRG family.,tissue specificity:Expressed only in brain and heart. Isoform 1 and isoform 2 are only expressed in brain. Isoform 3 is expressed in both heart and brain.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.