Anti-NDRG2 antibody

Description	Rabbit polyclonal to NDRG2.

Model	STJ94369
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human NDRG2
Immunogen Region	10-90 aa, Internal
Gene ID	57447
Gene Symbol	NDRG2
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	NDRG2 Polyclonal Antibody detects endogenous levels of NDRG2 protein.
Tissue Specificity	Highly expressed in brain, heart, skeletal muscle and salivary gland, and moderately in kidney and liver. Expressed in dendritic cells, but not in other blood cells. Expression levels are low in pancreatic and liver cancer tissues; absent in meningioma. Expressed in low-grade gliomas but present at low levels in glioblastoma. Isoform 1 and isoform 2 are present in brain neurons and up-regulated in Alzheimer disease (at protein level).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protein NDRG2 N-myc downstream-regulated gene 2 protein Protein

	Syld709613 Protein NDRG2, N-terminally processed
Molecular Weight	40.798 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14460OMIM:605272
Alternative Names	Protein NDRG2 N-myc downstream-regulated gene 2 protein Protein Syld709613 Protein NDRG2, N-terminally processed
Function	Contributes to the regulation of the Wnt signaling pathway. Down-regulates CTNNB1-mediated transcriptional activation of target genes, such as CCND1, and may thereby act as tumor suppressor. May be involved in dendritic cell and neuron differentiation.
Cellular Localization	Cytoplasm. Cytoplasm, perinuclear region. Cell projection, growth cone. In neurons, seems to concentrate at axonal growth cone. Perinuclear in neurons .