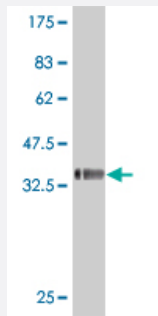


NDRG2 polyclonal antibody (A01)

Catalog # H00057447-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.67 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant NDRG2.
Immunogen	NDRG2 (NP_057334, 1 a.a. ~ 96 a.a) partial recombinant protein with GST tag.
Sequence	MAELQEVQITEEKPLLPGQTPEAAKTHSVETPYGSVTFTVYGTPKPKRPAILTYHDVGLNYKSCFQ PLFQFEDMQEIIQNFRVHVVDAPGMEEGAP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.67 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NDRG2

Entrez GeneID [57447](#)

GeneBank Accession# [NM_016250](#)

Protein Accession# [NP_057334](#)

Gene Name NDRG2

Gene Alias DKFZp781G1938, FLJ25522, KIAA1248, SYLD

Gene Description NDRG family member 2

Omim ID [605272](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 may play a role in neurite outgrowth. This gene may be involved in glioblastoma carcinogenesis. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]

Other Designations N-myc downstream regulator 2|N-myc downstream-regulated gene 2|NDR1-related protein NDR2|OTTHUMP00000164407|cytoplasmic protein Ndr1|syld709613 protein

Publication Reference

- [NDRG2 as a marker protein for brain astrocytes.](#)

Flugge G, Araya-Callis C, Garea-Rodriguez E, Stadelmann-Nessler C, Fuchs E.
Cell and Tissue Research 2014 Jul; 357(1):31.

Application: IHC, IF, Human, Mouse, Monkey, Rat, Brain

- [Chronic psychosocial stress and citalopram modulate the expression of the glial proteins GFAP and NDRG2 in the hippocampus.](#)

Araya-Callís C, Hiemke C, Abumaria N, Flugge G.

Psychopharmacology 2012 Nov; 224(1):209.

Application: IF, IHC, Rat, Rat hippocampus