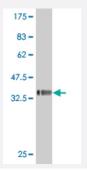


NDRG2 polyclonal antibody (A01)

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 PLFQFEDMQEIIQNFVRVHVDAPGMEEGAP
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 GenelD	<u>57447</u>
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	<u>605272</u>
Gene Ontology	<u>Hyperlink</u>
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 alter natively spliced transcript variants of this gene have been described, but the full-length nature of s ome 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



Product Information

• 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