

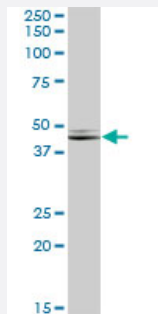
MaxPab®

NDRG2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00057447-B01

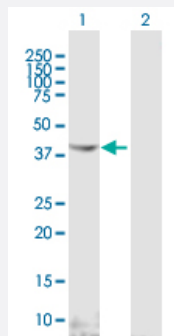
Size 50 uL

Applications



Western Blot (Tissue lysate)

NDRG2 MaxPab polyclonal antibody. Western Blot analysis of NDRG2 expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of NDRG2 expression in transfected 293T cell line ([H00057447-T01](#)) by NDRG2 MaxPab polyclonal antibody.

Lane 1: NDRG2 transfected lysate(39.6 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NDRG2 protein.

Immunogen

NDRG2 (AAH11240.1, 1 a.a. ~ 360 a.a) full-length human protein.

Sequence

MAELQEVQITEEKPLLPGQTPEAAKEAELAARILLDQGGQTHSVETPYVSVTFTVYGTPKPKRPAILT
YHDVGLNYSKCFQPLFQFEDMQEIIQNFRVHVHDAPGMEEGAPVFPLGYQYPSLDQLADMIPCVL
QYLNFSITIGVGVGAGAYILARYALNHPDVEGLVLINDPNAKGWMDWAAHKLTLTSSIPEMILGH
LFSQEELSGNSELIQKYRNIITHAPNLDNIELYWNSSYNRRDLNFERGGDITLRCPVMLVVECNKSL
DPTQTSFLKMADSGGQPLTQPGKLTEAFKYFLQGMGYMASSCMTRLRSRRTASLTSAASVDG
NRSRRTLSQSSESGLTSSGPPGHTMEVSC

Host

Mouse

Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

NDRG2 MaxPab polyclonal antibody. Western Blot analysis of NDRG2 expression in rat brain.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NDRG2 expression in transfected 293T cell line ([H00057447-T01](#)) by NDRG2 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — NDRG2

Entrez GeneID	57447
GeneBank Accession#	BC011240.1
Protein Accession#	AAH11240.1
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

- [Electroacupuncture Attenuates Reference Memory Impairment Associated with Astrocytic NDRG2 Suppression in APP/PS1 Transgenic Mice.](#)

Wang F, Zhong H, Li X, Peng Y, Kinden R, Liang W, Li X, Shi M, Liu L, Wang Q, Xiong L.

Molecular Neurobiology 2014 Oct; 50(2):305.

Application: IF, WB-Ti, Mouse, Brain