

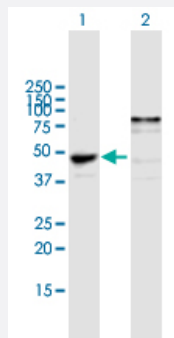
MaxPab®

NDRG1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010397-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NDRG1 expression in transfected 293T cell line ([H00010397-T01](#)) by NDRG1 MaxPab polyclonal antibody.

Lane 1: NDRG1 transfected lysate(43.34 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human NDRG1 protein.

Immunogen

NDRG1 (NP_006087.2, 1 a.a. ~ 394 a.a) full-length human protein.

Sequence

MSREMQDVDLAIEVKPLVEKGETITGLLQEFQVQEQDIETLHGSVHVTLCGTPKGNRPVILTYHDIG
MNHKTCYNPLFNIEDMQEITQHFAVCHVDAPGQQDGAASFPAGYMYPSMDQLAEMLPGLVQQF
GLKSIIGMTGAGAYILTRFALNNPEMVEGLVLINVNPCAEGWMDWAASKISGWTQALPDMVVSH
LFGKEEMQSNVEVVHTYRQHIVNDMNPGLHLFINAYNSRRDLEIERPMPGTHVTLQCPALLVVG
DSSPAVDVVEECNSKLDPTKTLLKMACGGLPQISQPAKLAEAFKYFVQGMGYMPSASMTRL
MRSRTASGSSVTSLDGTRSRSHSTSEGTRSRSHSTSEGTRSRSHSTSEGAHLDTIPNSGAAGNSAGP
KSMEVSC

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — NDRG1

Entrez GeneID [10397](#)

GeneBank Accession# [NM_006096.2](#)

Protein Accession# [NP_006087.2](#)

Gene Name NDRG1

Gene Alias CAP43, CMT4D, DRG1, GC4, HMSNL, NDR1, NMSL, PROXY1, RIT42, RTP, TARG1, TDD5

Gene Description N-myc downstream regulated 1

Omim ID [601455 605262](#)

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 involved in stress responses, hormone responses, cell growth, and differentiation. It is necessary for p53-mediated caspase activation and apoptosis. Mutation in this gene has been reported to be causative for hereditary motor and sensory neuropathy-Lom. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations differentiation-related gene 1 protein|nickel-specific induction protein Cap43|protein regulated by oxygen-1|reducing agents and tunicamycin-responsive protein|tunicamycin-responsive protein

Disease

- [Alzheimer disease](#)

- [Charcot-Marie-Tooth Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Deafness](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)