NDRG3 Antibody

PACO18732

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:100-1:300

Protein Background:

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination. Cooperates with the E2 UBCH5C and the SCF(FBXW11) E3 ligase complex for the polyubiquitination of NFKBIA leading to its subsequent proteasomal degradation. Performs ubiquitin chain elongation building ubiquitin chains from the UBE2D3-primed NFKBIA-linked ubiquitin. UBE2D3 acts as an initiator E2, priming the phosphorylated NFKBIA target at positions 'Lys-21' and/or 'Lys-22' with a monoubiquitin. Cooperates with the SCF(SKP2) E3 ligase complex to regulate cell proliferation through ubiquitination and degradation of MYBL2 and KIP1. Involved in ubiquitin conjugation and degradation of CREM isoform ICERIIgamma and ATF15 resulting in abrogation of ICERIIgamma- and ATF5-mediated repression of cAMP-induced transcription during both meiotic and mitotic cell cycles.

Gene ID:

NDRG3

Uniprot

Q9UGV2

Synonyms:

NDRG family member 3

Immunogen:

Synthetic peptide of human NDRG3.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

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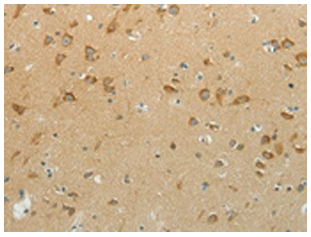
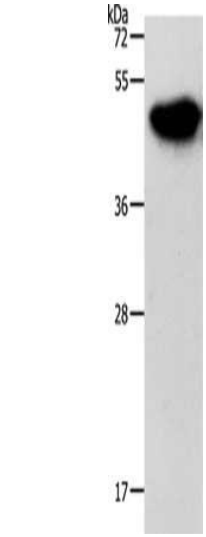
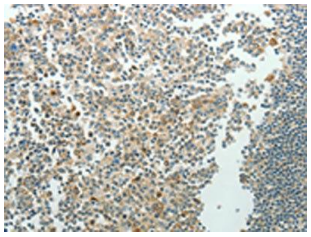
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO18732(NDRG3 Antibody) at dilution 1/70, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 30 μ g, Lane: Mouse brain tissue, Primary antibody: PACO18732(NDRG3 Antibody) at dilution 1/1050, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using PACO18732(NDRG3 Antibody) at dilution 1/70, on the right is treated with synthetic peptide. (Original magnification: x—200).

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