

For Research Use Only

NDRG3 Polyclonal antibody, PBS Only

Catalog Number: 31421-1-PBS



Basic Information

Catalog Number:

31421-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33626

GenBank Accession Number:

NM_032013

GeneID (NCBI):

57446

UNIPROT ID:

Q9UGV2

Full Name:

NDRG family member 3

Calculated MW:

41 kDa

Observed MW:

41-45 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

NDRG (N-Myc downstream-regulated gene) family is generally divided into two subfamilies, one composed of NDRG1 and NDRG3 with a homology of 67%, and the other composed of NDRG2 and NDRG4 with a homology of 58%. NDRG3 is a downstream regulatory factor of MYC, with a total length of 2588 base pairs. It is mainly expressed in ovary, prostate, testis, brain, spinal cord, thymus, heart and kidney. NDRG3 is located on chromosome 20q11.21-11.23 and encodes at least two subtypes, 375 and 363 amino acids, respectively, with an apparent molecular weight of 41 and 40 kDa, respectively. (PMID: 36619553)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

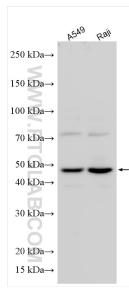
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

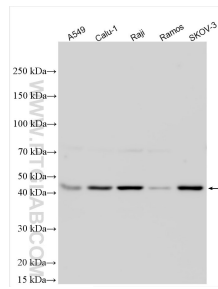
E: proteintech@ptglab.com
W: ptglab.com

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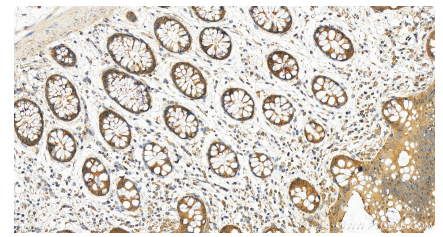
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31421-1-AP (NDRG3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31421-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 31421-1-AP (NDRG3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31421-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 31421-1-AP (NDRG3 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31421-1-PBS in a different storage buffer formulation.