

Anti-NDRG2 Antibody

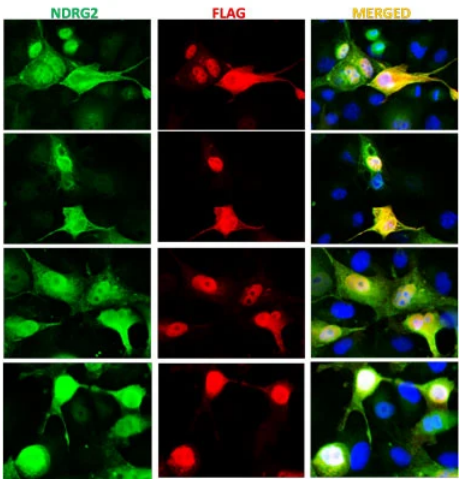


Product Details

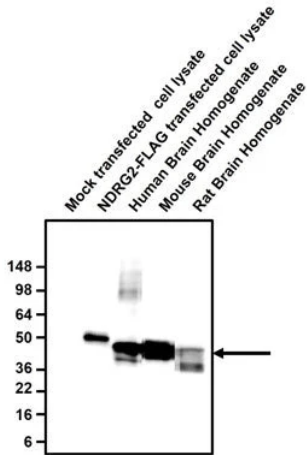
Available Variants	500 µL (SKU:NDRG2-0100) 100 µL (SKU:NDRG2-0020)
Isotype	IgY
Gene Name	NDRG2
Host Species	Chicken
Concentration	200 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Eggs from hens hyperimmunized with target were used to prepare an IgY fraction which was then subjected to antigen-specific affinity purification
Applications	ICC, IHC, WB
Dilution Ranges	WB Brain: 1:500-1:1000 IHC: 1:100-1:500 ICC: 1:100-1:500
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing the N-terminal ~150 amino acids of human NDRG2
Specificity	No cross-reactivity reported
Molecular Weight	41 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used to probe brain lysate.

Storage	Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least twelve months, provided they remain sterile. For longer term storage, aliquot and freeze to avoid freeze-thaw of the antibody.
Antibody Registry ID	AB_3094925
UniProt ID	Q9UN36
Country of Origin	United States
Shipping	Ice packs
Expiration	12 months from receipt of product
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

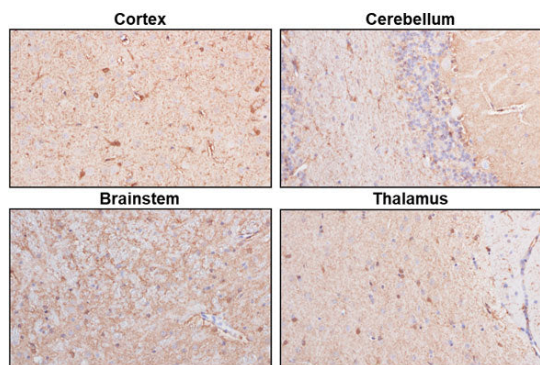
Product Images



COS-7 cells expressing NDRG2-FLAG were subjected to immunofluorescent staining using Aves Labs chicken anti-NDRG2 antibody (visualized in green) and rabbit anti-FLAG antibody (visualized in red). The DAPI nuclear stain (blue) shows the nuclei of both transfected and untransfected cells. The staining revealed a complete overlap between the signal from the chicken anti-NDRG2 antibody and the anti-FLAG antibody specifically in transfected cells.



Western blotting of mock or NDRG2-FLAG transfected COS-7 cell lysates and human, mouse, and rat brain homogenates (10 ug/lane) with Aves Labs chicken anti-NDRG2 antibody (0.2 ug/ml) and detected with anti-chicken HRP. Anti-NDRG2 recognizes endogenous NDRG2 in brain homogenates in addition to exogenous NDRG2 in COS-7 cells.



Representative sections of formalin fixed, paraffin-embedded rat brain showing staining of NDRG2. The sections were stained with Aves Labs anti-NDRG2 antibody at 1:1000 dilution and detected with anti-chicken HRP.

Product Page URL: www.antibodiesinc.com/products/anti-ndrg2-antibody-ndrg2



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