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anti-NDRG2 antibody (N-Term)

3 Images



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Cross-Reactivity:

Purification:

Grade:

Quantity:	100 μg	
Target:	NDRG2	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This NDRG2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	
Product Details		
Purpose:	NDRG2	
Immunogen:	KEAELAARILLDQGQC	
Sequence:	KEAELAARIL LDQGQ	
Isotype:	IgG	
Specificity:	This antibody is expected to recognize reported isoform a (NP_963293.1) only. Reported	

chromatography using the immunizing peptide.

Dog, Human, Mouse, Rat

Verified

variants represent identical protein: NP_963831.1, NP_963293.1, NP_963834.1, NP_963833.1.

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Target Details

Handling Advice:

Storage Comment:

Storage:

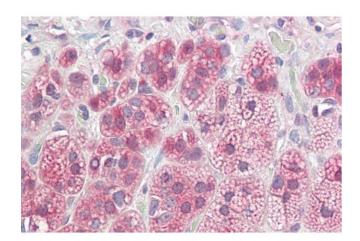
Larget Details			
Target:	NDRG2		
Alternative Name:	NDRG2 (NDRG2 Products)		
Background:	NDRG2, NDRG family member 2, DKFZp781G1938, FLJ25522, KIAA1248, SYLD, N-myc		
	downstream regulator 2, NDR1-related protein NDR2, OTTHUMP00000164405,		
	OTTHUMP00000164406, OTTHUMP00000164407, OTTHUMP00000164408, cytoplasmic		
	protein Ndr1, protein NDRG2, syld709		
Gene ID:	57447, 29811, 171114		
NCBI Accession:	NP_963293		
Application Details			
Application Notes:	Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended		
	concentration: 3.75 μg/mL.		
	Western Blot: Approx 45 kDa band observed in Human Brain (Temporal Cortex), Mouse and Ra		
	Brain lysates (calculated MW of 40.8 kDa according to NP_963293.1). Recommended		
	concentration: 0.1-0.3 μg/mL. Primary incubation was 1 hour.		
	Peptide ELISA: antibody detection limit dilution 1:16000.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.5 mg/mL		
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum		
	albumin.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

Minimize freezing and thawing.

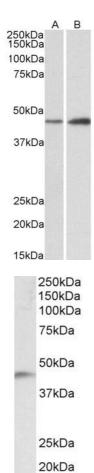
at 4°C for a few weeks and still remain viable.

-20 °C



Immunohistochemistry

Image 1. ABIN625831 (3.75µg/ml) staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



15kDa

Western Blotting

Image 2. ABIN625831 (0.3μg/ml) staining of Mouse (A) and Rat (B) Brain lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.

Western Blotting

Image 3. ABIN625831 ($0.1\mu g/ml$) staining of Human Temporal Cortex lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.