

bs-3298R**[Primary Antibody]****phospho-NDRG1 (Thr346) Rabbit pAb****Bioss**
ANTIBODIES

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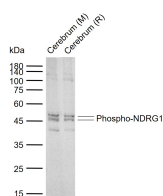
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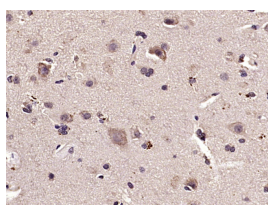
400-901-9800

— DATASHEET —

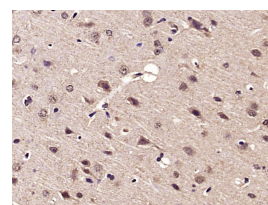
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 10397	SWISS: Q92597	IHC-F (1:100-500)
Target: NDRG1 (Thr346)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human NDRG1 around the phosphorylation site of Thr346: SH(p-T)SE.		Reactivity: Human, Mouse, Rat (predicted: Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 43 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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. The encoded protein is necessary for p53-mediated caspase activation and apoptosis. Mutations in this gene are a cause of Charcot-Marie-Tooth disease type 4D, and expression of this gene may be a prognostic indicator for several types of cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Rat Cerebrum tissue lysates Primary: Anti-Phospho-NDRG1 (Thr346) (bs-3298R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 46,48 kDa



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by microwave in sodium citratebuffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3%BSA) at RTfor 30min; Antibody incubation with (NDRG1 (Thr346)) Polyclonal/MonoclonalAntibody, Unconjugated (bs-3298R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by microwave in sodium citratebuffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3%BSA) at RTfor 30min; Antibody incubation with (NDRG1 (Thr346)) Polyclonal/MonoclonalAntibody, Unconjugated (bs-3298R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.