

bs-55141R**[Primary Antibody]****NDRG1 Rabbit pAb****Bioss**
ANTIBODIES

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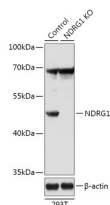
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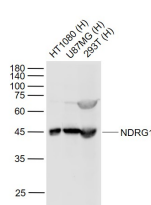
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat)
GeneID: 10397	SWISS: Q92597	
Target: NDRG1		Predicted MW.: 33/35/42 kDa
Immunogen: Recombinant human NDRG1: 175-394/394.		Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.		
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: 293T (Human) Cell Lysate at 25 ug
 Lane 2: NDRG1 knockout (KO) 293T (Human) Cell Lysate at 25 ug
 Primary: Anti-NDRG1 (bs-55141R) at 1/1000 dilution
 Secondary: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution
 Predicted band size: 48 kD
 Observed band size: 48 kD



Sample: Lane 1: HT1080 (Human) Cell Lysate at 30 ug
 Lane 2: U87MG (Human) Cell Lysate at 30 ug
 Lane 3: 293T (Human) Cell Lysate at 30 ug
 Primary: Anti-NDRG1 (bs-55141R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 48 kD
 Observed band size: 45 kD