

## Product datasheet for **TA322148**

### **NDRG3 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB: 1000-5000 WB positive control: Mouse brain tissue IHC: 100-300 Positive control: Human tonsil Predicted cell location: Cytoplasm
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Synthetic peptide corresponding to a region derived from 14-30 amino acids of Human NDRG family member 3
<b>Formulation:</b>	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Antigen affinity purification
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	41 kDa
<b>Gene Name:</b>	NDRG family member 3
<b>Database Link:</b>	<a href="#">NP_114402</a> <a href="#">Entrez Gene 29812 Mouse</a> <a href="#">Entrez Gene 296318 Rat</a> <a href="#">Entrez Gene 57446 Human</a> <a href="#">Q9UGV2</a>



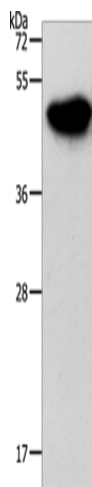
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**Background:**

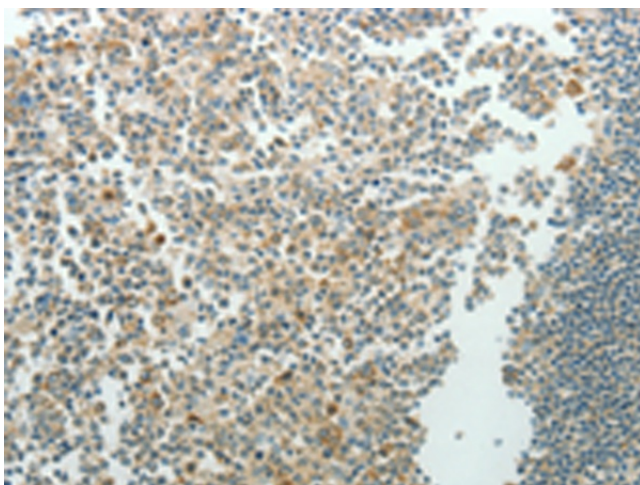
NDRG3 belongs to the N-myc down-regulated gene (NDRG) family that contains 4 paralogs: NDRG1; -2; -3 and -4. The function of NDRG3 and its relationship to cancer has not been studied. NDRG3 expression is enriched in testis and prostate using gene expression data derived from massively parallel signature sequencing from 33 different human organs. NDRG3 is also expressed in both epithelial prostate cancer cells and prostatic stromal cells at both mRNA and proteins levels.

**Synonyms:**

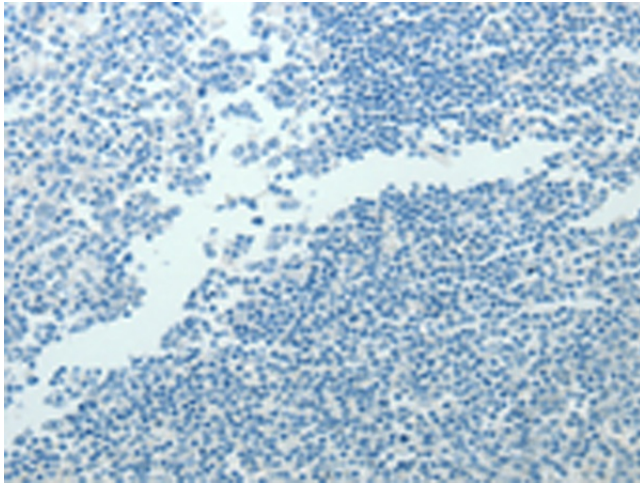
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**Product images:**


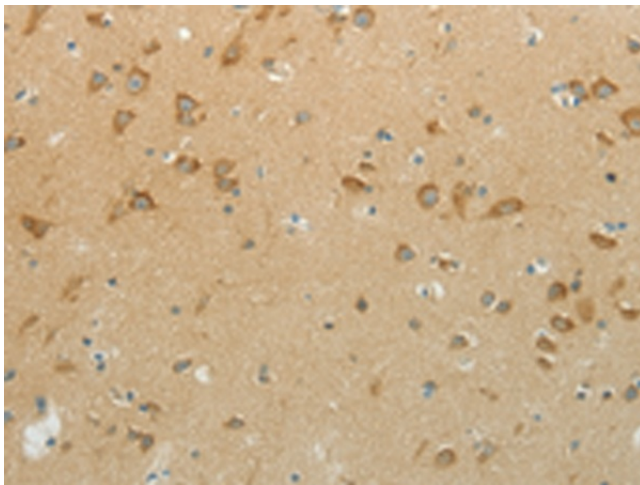
Gel: 12%SDS-PAGE  
 Lysate: 30  $\mu$ g  
 Lane: Mouse brain tissue  
 Primary antibody: TA322148 (NDRG3 Antibody) at dilution 1/1050  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
 Exposure time: 2 seconds



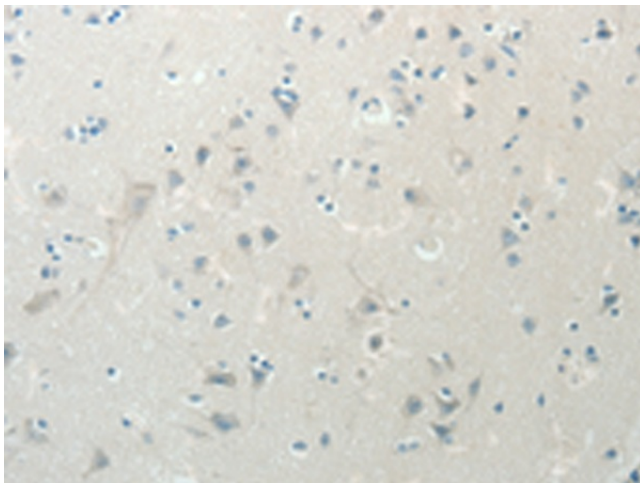
Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA322148 (NDRG3 Antibody) at dilution 1/70 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA322148 (NDRG3 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322148 (NDRG3 Antibody) at dilution 1/70 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322148 (NDRG3 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification:  $\times 200$ )