# NDRG3 Polyclonal Antibody

**Catalog No.** E-AB-12796

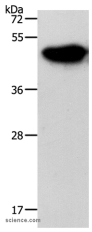
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

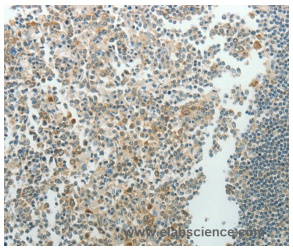
| | |
|---|---|
| **Reactivity** | Human,Mouse,Rat |
| **Immunogen** | Synthetic peptide of human NDRG3 |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | PBS with 0.05% sodium azide and 50% glycerol, PH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1000-1:5000 |
| **IHC** | 1:100-1:300 |

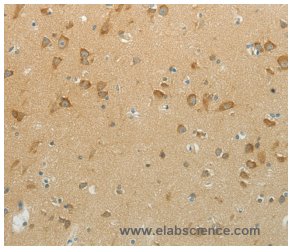
## Data




Western Blot analysis of Mouse brain tissue using NDRG3 Polyclonal Antibody at dilution of 1:1050
**Calculated Mw:41kDa**



Immunohistochemistry of paraffin-embedded Human tonsil using NDRG3 Polyclonal Antibody at dilution of 1:70




Immunohistochemistry of paraffin-embedded Human brain using NDRG3 Polyclonal Antibody at dilution of 1:70

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |

## 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.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