

**bs-7779R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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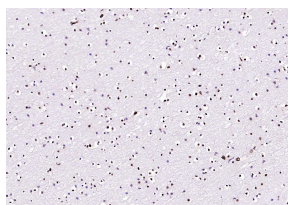
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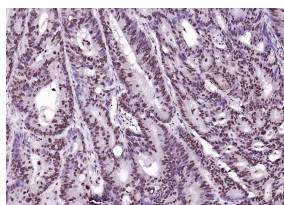
400-901-9800

**BRD7 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Dog)  <b>Predicted MW.:</b> 74 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 29117	<b>SWISS:</b> Q9NPI1	
<b>Target:</b> BRD7		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human BRD7: 401-500/651.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> This gene encodes a protein which is a member of the bromodomain-containing protein family. The product of this gene has been identified as a component of one form of the SWI/SNF chromatin remodeling complex, and as a protein which interacts with p53 and is required for p53-dependent oncogene-induced senescence which prevents tumor growth. Pseudogenes have been described on chromosomes 2, 3, 6, 13 and 14. Alternative splicing results in multiple transcript variants.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human left parietal lobe); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (BRD7) Polyclonal Antibody, Unconjugated (bs-7779R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (BRD7) Polyclonal Antibody, Unconjugated (bs-7779R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=2.9]** Xingli Tan. et al. BRD7 regulates cellular senescence and apoptosis in ALS by modulating p21 expression and p53 mitochondrial translocation respectively. NEUROSCIENCE. 2024 Dec;563:51 IF ;Mouse. 39510439