

**bs-15179R****[ Primary Antibody ]****C3orf58 Rabbit pAb****Bioss**  
**ANTIBODIES**

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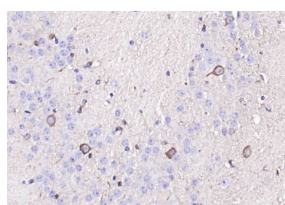
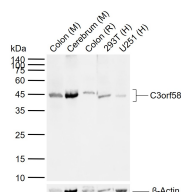
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Cow, Chicken)  <b>Predicted MW.:</b> 49 kDa  <b>Subcellular Location:</b> Secreted ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 205428	<b>SWISS:</b> Q8NDZ4	
<b>Target:</b> C3orf58		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human C3orf58: 351-430/430.		
<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> C3orf58 (chromosome 3 open reading frame 58), also known as DIA1, is a 430 amino acid secreted protein that belongs to the UPF0672 family. C3orf58 is encoded by a gene that maps to human chromosome 3q24. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Colon tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Colon tissue lysates Lane 4: Human 293T cell lysates Lane 5: Human U251 cell lysates Primary: Anti-C3orf58 (bs-15179R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kDa Observed band size: 45 kDa

Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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; Antibody incubation with (C3orf58) Polyclonal Antibody, Unconjugated (bs-15179R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.