

**bs-17480R**

**[ Primary Antibody ]**

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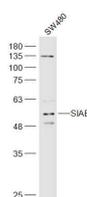
400-901-9800

## SIAE Rabbit pAb

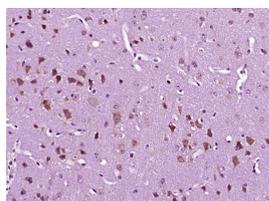
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (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: Sheep, Cow, Dog)  <b>Predicted MW.:</b> 56 kDa  <b>Subcellular Location:</b> Secreted ,Extracellular <b>Location:</b> matrix ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 54414	<b>SWISS:</b> Q9HAT2	
<b>Target:</b> SIAE		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SIAE: 321-420/523.		
<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> Sialic acids are acidic 9-carbon sugars typically found at the non-reducing end of sugar chains. They are frequently modified by 9-O-acetylation and this modification is removed by sialic acid acetylsterases. SIAE catalyzes the removal of O-acetyl ester groups from position 9 of the parent sialic acid, N-acetylneuraminic acid. SIAE appears to encode both lysosomal and cytosolic sialic acid acetylsterase isoforms (LSE and CSE, respectively). It is widely expressed with high expression in the testis, prostate, and colon. There are three named isoforms.		

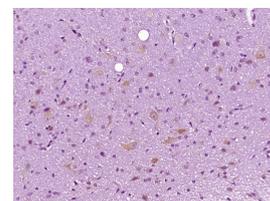
### VALIDATION IMAGES



Sample: SW480(Human) Cell Lysate at 40 ug  
Primary: Anti-SIAE(bs-17480R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD  
Observed band size: 56 kD



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 (SIAE) Polyclonal Antibody, Unconjugated (bs-17480R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (SIAE) Polyclonal Antibody, Unconjugated (bs-17480R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.