

bs-0815R**[Primary Antibody]****Bioss**
ANTIBODIES

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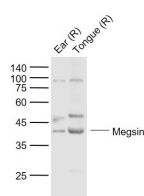
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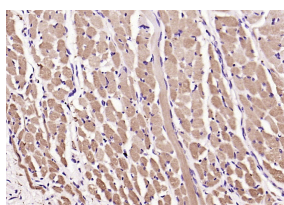
400-901-9800

Megsin Rabbit pAb**— DATASHEET —**

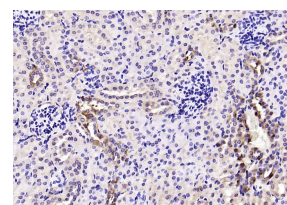
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8710	SWISS: O75635	IHC-F (1:100-500)
Target: Megsin		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Megsin: 301-380/380.		Reactivity: Mouse, Rat (predicted: Human)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 42 kDa
Storage: 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.		Subcellular Location: Cytoplasm
Background: Serpin B7 is a serine proteinase inhibitor of the ovalbumin like B clade of serpins. It was first discovered in a search for agents responsible for thrombopoiesis, and maturation of megakaryocytes. SerpinB7 was identified as a protein that increased acetylcholine esterase stimulation from bone marrow progenitor cells, and injection of SerpinB7 in mice induced a 40% increase in platelets compared to controls. Shortly thereafter, in a search for kidney specific genes, SerpinB7 was described as a protein specific to mesangial cells, and was named megsin to indicate the tissue specificity of the protein.		

— VALIDATION IMAGES —

Sample: Lane 1: Ear (Rat) Lysate at 40 ug Lane 2: Tongue (Rat) Lysate at 40 ug Primary: Anti-Megsin (bs-0815R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 43 kD



Paraformaldehyde-fixed, paraffin embedded (Rat tongue); 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 (Megsin) Polyclonal Antibody, Unconjugated (bs-0815R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse kidney); 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 (Megsin) Polyclonal Antibody, Unconjugated (bs-0815R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.