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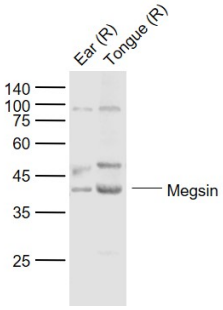
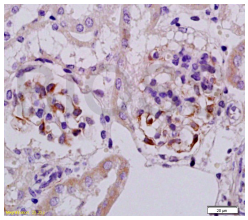
Megsin Rabbit pAb

Catalog Number:	bs-0815R
Target Protein:	Megsin
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Mouse, Rat (predicted:Human)
Predicted MW:	42 kDa
Entrez Gene:	8710
Swiss Prot:	O75635
Source:	KLH conjugated synthetic peptide derived from human Megsin: 301-380/380.
Purification:	affinity purified by Protein A
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.
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 barrow 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.

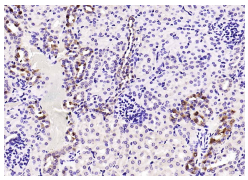
VALIDATION IMAGES



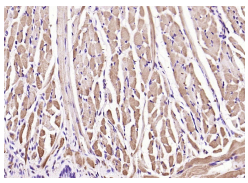
Sample: Lane 1: Ear (Rat) Lysate at 40 ug Lane 2: Tongue (Rat) Lysate at 40 ug Primary: Anti-Megsin (bs-0815R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 43 kD



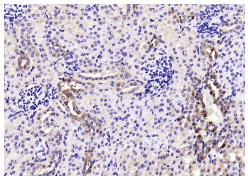
Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Megsin Polyclonal Antibody, Unconjugated(bs-0815R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



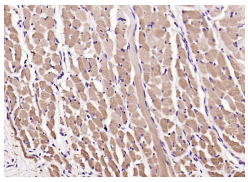
Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Megsin) Polyclonal Antibody, Unconjugated (bs-0815R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



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) instructionsand 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) instructionsand DAB staining.



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) instructionsand DAB staining.