

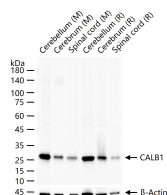
bsm-60713R**[Primary Antibody]****Bioss**
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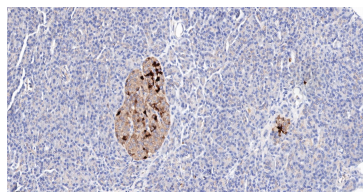
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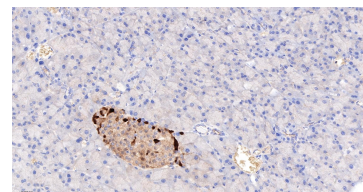
400-901-9800

CALB1 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 793**Target:** CALB1**Immunogen:** A synthesized peptide derived from human Calbindin: 50-100.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**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:** Calbindin is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. Calbindin contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are calbindin-depleted. [provided by RefSeq, Jul 2008]**Isotype:** IgG**CloneNo.:** R2F6**SWISS:** P05937**Applications:** WB (1:500-2000)**IHC-P** (1:200-1000)**IHC-F** (1:200-1000)**IF** (1:200-1000)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 30 kDa**Observed MW.:** 27 kDa**Subcellular Location:** Cell membrane ,Cytoplasm**VALIDATION IMAGES**

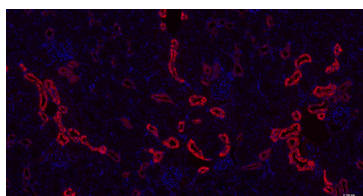
25 ug total protein per lane of various lysates (see on figure) probed with CALB1 monoclonal antibody, unconjugated (bsm-60713R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



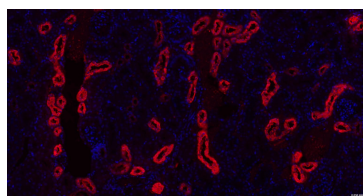
Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CALB1 Monoclonal Antibody, Unconjugated (bsm-60713R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CALB1 Monoclonal Antibody, Unconjugated (bsm-60713R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CALB1 Monoclonal Antibody, Unconjugated (bsm-60713R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CALB1 Monoclonal Antibody, Unconjugated (bsm-60713R) at 1:200 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Red, bs-0295G-BF594), DAPI (blue, C02-04002) was used to stain the cell nuclei.