

bsm-52907R**[Primary Antibody]****GBA Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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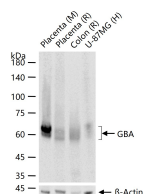
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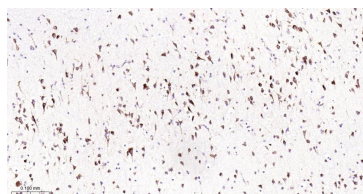
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— DATASHEET —

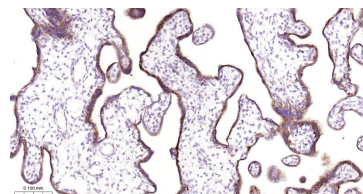
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|--|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat Predicted MW.: 56 kDa Subcellular Location: Cell membrane ,Cytoplasm |
| Clonality: Recombinant | CloneNo.: 4C2 | |
| GeneID: 2629 | SWISS: P04062 | |
| Target: GBA | | |
| Immunogen: A synthesized peptide derived from human Lysosomal acid GCCase: 480-536/536. | | |
| 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: This gene encodes a lysosomal membrane protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Mutations in this gene cause Gaucher disease, a lysosomal storage disease characterized by an accumulation of glucocerebrosides. A related pseudogene is approximately 12 kb downstream of this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2010] | | |

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with GBA monoclonal antibody, unconjugated (bsm-52907R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GBA Monoclonal Antibody, Unconjugated(bsm-52907R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Placenta; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with GBA Monoclonal Antibody, Unconjugated(bsm-52907R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.