

bs-7593R**[Primary Antibody]**

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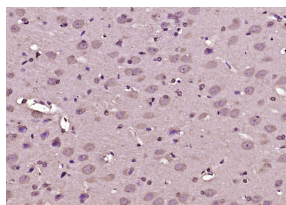
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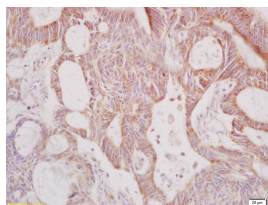
400-901-9800

Galactosidase alpha Rabbit pAb**— DATASHEET —**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>GeneID: 2717</p> <p>Target: Galactosidase alpha</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human Galactosidase alpha: 101-200/429.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: Galactosidase alpha is involved in the hydrolysis of terminal, non reducing alpha D galactose residues in alpha D galactosides, including galactose oligosaccharides, galactomannans and galactohydrolase. Defects in GLA are the cause of Fabry's disease (FD). FD is a rare X-linked sphingolipidosis disease where glycolipid accumulates in many tissues. Clinical recognition in males results from characteristic skin lesions (angiokeratomas) over the lower trunk. Patients may show ocular deposits, febrile episodes, and burning pain in the extremities. Death results from renal failure, cardiac or cerebral complications of hypertension or other vascular disease. Heterozygous females may exhibit the disorder in an attenuated form, they are more likely to show corneal opacities.</p>	<p>Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)</p> <p>Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Dog)</p> <p>Predicted MW.: 45 kDa</p> <p>Subcellular Location: Cytoplasm</p>
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— VALIDATION IMAGES —

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 (Galactosidase alpha) Polyclonal Antibody, Unconjugated (bs-7593R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human rectal carcinoma; 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-Galactosidase alpha Polyclonal Antibody, Unconjugated(bs-7593R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=5.8]** Yutao Cui. et al. Functionalized Decellularized Bone Matrix Promotes Bone Regeneration by Releasing Osteogenic Peptides. ACS BIOMATER-SCI ENG. 2023;XXXX(XXX):XXX-XXX ICC ;Rabbit. 37478342