

Hyaluronidase2 Rabbit pAb

Catalog Number: bs-5888R

Target Protein: Hyaluronidase2

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: Human, Mouse (predicted:Rat)

Predicted MW: 49 kDa

Entrez Gene: 8692

Swiss Prot: Q12891

Source: KLH conjugated synthetic peptide derived from human HYAL2: 111-210/473.

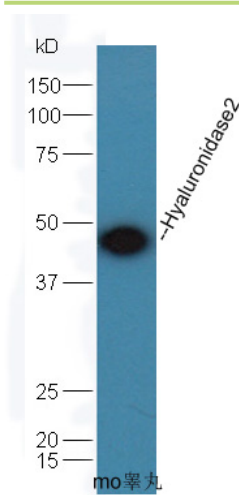
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

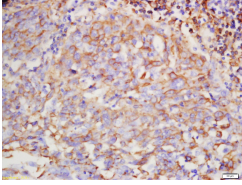
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R.

VALIDATION IMAGES



Sample: Testis (Mouse) Lysate at 40 ug Primary: Anti-Hyaluronidase2 (bs-5888R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 49 kD Observed band size: 49 kD



Tissue/cell: human lung 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-Hyaluronidase 2 Polyclonal Antibody, Unconjugated(bs-5888R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.438] Anna Kocurkova. et al. Endogenously produced hyaluronan contributes to the regulation of peritoneal adhesion development. BIOFACTORS. 2023 May;; IHC ; Mouse . 37154260

[IF=4.879] Petra Žádníková. et al. The Degradation of Hyaluronan in the Skin. Biomolecules. 2022 Feb;12(2):251 WB,IHC,IF ; Human . 35204753

[IF=3.6] Romana Šínová. et al. The hyaluronan metabolism in the UV-irradiated human epidermis and the relevance of in vitro epidermal models. EXP DERMATOL. 2023 Jul;; IF ; Human . 37443444