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HAS2 Rabbit pAb

货号: AYP11879

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens
应用	WB
推荐浓度	**WB:** 1:100 - 1:500
理论分子量	63kDa
实测分子量	64KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain,Rat brain
细胞定位	Membrane,Multi-pass membrane protein
纯化	Affinity purification

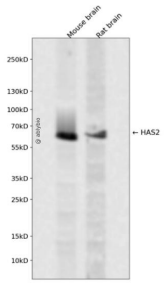
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 67-185 of human HAS2 (NP_005319.1).

靶点信息

研究背景	Hyaluronan or hyaluronic acid (HA) is a high molecular weight unbranched polysaccharide synthesized by a wide variety of organisms from bacteria to mammals, and is a constituent of the extracellular matrix. It consists of alternating glucuronic acid and N-acetylglucosamine residues that are linked by beta-1-3 and beta-1-4 glycosidic bonds. HA is synthesized by membrane-bound synthase at the inner surface of the pl asma membrane, and the chains are extruded through pore-like structures into the extracellular space. It serves a variety of functions, including space filling, lubrication of joints, and provision of a matrix throug h which cells can migrate. HA is actively produced during wound healing and tissue repair to provide a fra mework for ingrowth of blood vessels and fibroblasts. Changes in the serum concentration of HA are asso ciated with inflammatory and degenerative arthropathies such as rheumatoid arthritis. In addition, the int eraction of HA with the leukocyte receptor CD44 is important in tissue-specific homing by leukocytes, and overexpression of HA receptors has been correlated with tumor metastasis. HAS2 is a member of the new ly identified vertebrate gene family encoding putative hyaluronan synthases, and its amino acid sequenc e shows significant homology to glycosaminoglycan synthetase (DG42) from Xenopus laevis, and human and murine hyaluronan synthase 1.
基因ID	3037
基因名	HAS2
Swiss	Q92819 (https://www.uniprot.org/uniprotkb/Q92819/entry)
别名	HAS2,HAS2 Rabbit pAb,Hyaluronate synthase 2,Hyaluronic acid synthase 2

产品验证



Western blot analysis of HAS2 expressed in Mouse brain,Rat brain using HAS2 Rabbit pAb at 1:1000. Seco ndary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buff er: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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