

ARG59745
anti-HYAL1 antibody

Package: 50 µg

Store at: -20°C

Summary

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|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit Polyclonal antibody recognizes HYAL1 |
| Tested Reactivity | Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | HYAL1 |
| Species | Mouse |
| Immunogen | Synthetic peptide corresponding to aa. 434-450 of Mouse HYAL1. (LKDRAQMAMKFCRCYR) |
| Conjugation | Un-conjugated |
| Alternate Names | LUCA1; Lung carcinoma protein 1; EC 3.2.1.35; NAT6; Hyal-1; LuCa-1; HYAL-1; Hyaluronoglucosaminidase-1; Hyaluronidase-1; MPS9 |

Application Instructions

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Application table | Application | Dilution |
| | WB | 0.1 - 0.5 µg/ml |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

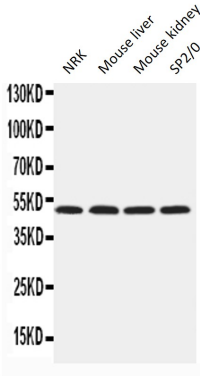
Properties

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| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.9% NaCl, 0.2% Na2HPO4, 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA. |
| Preservative | 0.05% Thimerosal and 0.05% Sodium azide |
| Stabilizer | 5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol | HYAL1 |
| Gene Full Name | hyaluronoglucosaminidase 1 |
| Background | This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| Function | May have a role in promoting tumor progression. May block the TGFB1-enhanced cell growth. [UniProt] |
| Calculated Mw | 48 kDa |
| Cellular Localization | Secreted. Lysosome. [UniProt] |

Images



ARG59745 anti-HYAL1 antibody WB image

Western blot: NRK, Mouse liver, Mouse kidney and SP2/O cell lysates stained with ARG59745 anti-HYAL1 antibody.