

ARG66940 anti-Brachyury antibody [SQab22270]

Package: 100 µl, 50 µl
Store at: -20°C

Summary

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| Product Description | Recombinant Rabbit Monoclonal antibody [SQab22270] recognizes Brachyury |
| Tested Reactivity | Hu |
| Tested Application | IHC-P |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone | SQab22270 |
| Isotype | IgG |
| Target Name | Brachyury |
| Species | Human |
| Immunogen | Recombinant Protein of Human Brachyury. |
| Conjugation | Un-conjugated |
| Alternate Names | Protein T; TFT; Brachyury protein; SAVA |

Application Instructions

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|-------------------|---|---------------|
| Application table | Application | Dilution |
| | IHC-P | 1:100 - 1:200 |
| Application Note | IHC-P: Antigen Retrieval: Heat mediated was performed using Tris/EDTA buffer (pH 9.0). Incubate the samples at RT (18-25°C) for 30 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Human chordoma tissue | |

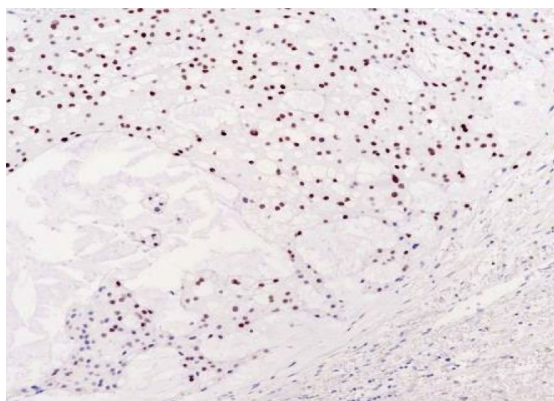
Properties

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| Form | Liquid |
| Purification | Purification with Protein A. |
| Buffer | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05%BSA. |
| Preservative | 0.01% Sodium azide |
| Stabilizer | 40% Glycerol and 0.05%BSA |
| 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 | TBXT |
| Gene Full Name | T-box transcription factor T |
| Background | The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012] |
| Function | Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site. [UniProt] |
| Calculated Mw | 47 kDa |
| Cellular Localization | Nucleus. [UniProt] |

Images



ARG66940 anti-Brachyury antibody [SQab22270] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human chordoma tissue stained with ARG66940 anti-Brachyury antibody [SQab22270]. Antigen Retrieval: Heat tissue section in Tris-EDTA buffer (pH 9.0).