

[Go to Product page](#)

Datasheet for ABIN1399474

anti-MSX1 antibody (AA 151-297) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | MSX1 |
| Binding Specificity: | AA 151-297 |
| Reactivity: | Human, Mouse, Goat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MSX1 antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human MSX1 |
| Isotype: | IgG |
| Cross-Reactivity: | Goat, Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | MSX1 |
| Alternative Name: | MSX1 (MSX1 Products) |

Target Details

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|-------------|--|
| Background: | Synonyms: HOX7, HYD1, ECTD3, STHAG1, Homeobox protein MSX-1, Homeobox protein Hox-7, Msh homeobox 1-like protein, MSX1 Background: Acts as a transcriptional repressor. May play a role in limb-pattern formation. Acts in cranofacial development and specifically in odontogenesis. Expression in the developing nail bed mesenchyme is important for nail plate thickness and integrity. |
| Gene ID: | 4487 |
| UniProt: | P28360 |
| Pathways: | Regulation of Muscle Cell Differentiation , Positive Regulation of Response to DNA Damage Stimulus |

Application Details

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| Application Notes: | FCM 1:20-100 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |