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Datasheet for ABIN185250 anti-MSX1 antibody (N-Term)

2 Images



Overview

Quantity:	100 µg
Target:	MSX1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MSX1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	MSX1
Immunogen:	Peptide with sequence TSLPLGVKVEDS-C, from the N Terminus of the protein sequence according to NP_002439.2.
Sequence:	TSLPLGVKVE DS
Isotype:	lgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details

Target:	MSX1
Alternative Name:	MSX1 (MSX1 Products)
Background:	MSX1, HOX7, HYD1, msh homeo box homolog 1 (Drosophila), msh homeobox 1, STHAG1, homeobox 7, msh homeo box 1, msh homeobox homolog 1
Gene ID:	4487, 17701
NCBI Accession:	NP_002439
Pathways:	Regulation of Muscle Cell Differentiation, Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Human Prostate shows staining of nucleoli in a few epithelial cells. Recommended concentration, 2-4 µg/mL. Data obtained from a previous

batch (different goat).
Western Blot: Preliminary experiments gave an approx. 55-60 kDa band in Human Muscle and
Heart lysates at 1 $\mu\text{g/mL}.$ Further, this band was successfully blocked by incubation with the
immunising peptide. Please note that currently we cannot find an explanati
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

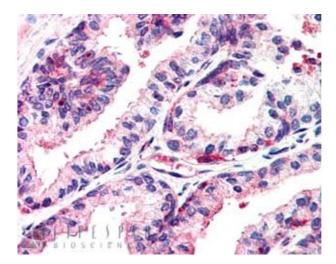
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN185250 | 12/22/2023 | Copyright antibodies-online. All rights reserved. at 4°C for a few weeks and still remain viable.

Images

250kDa 150kDa 100kDa 75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Western Blotting

Image 1. ABIN185250 (0.3µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185250 (2.5µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.