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# anti-MSX1 antibody (AA 151-297)



Image



Publication



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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 un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF
	(cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry
	(Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

# Product Details

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**

Target: MSX1

## **Target Details**

Target Details	
Alternative Name:	MSX1 (MSX1 Products)
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	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 ua/uL

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

#### Handling

Expiry Date:

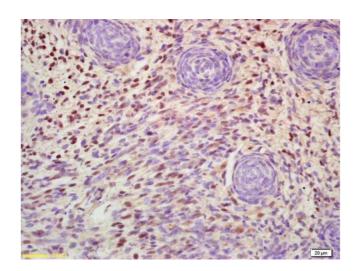
12 months

#### **Publications**

Product cited in:

Mu, Wu, Zhu, Li, Tang, Yao, Yang, Peng, Li, Hua: "The function of Msx1 gene in promoting meiosis of dairy goat male germline stem cells (mGSCs)." in: **Cell biochemistry and function**, Vol. 31, Issue 8, pp. 629-35, (2013) (PubMed).

### **Images**



#### **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded mouse embryo labeled with Anti-MSX1 Polyclonal Antibody, Unconjugated (ABIN1385926) at 1:200 followed by conjugation to the secondary antibody and DAB staining