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Datasheet for ABIN1386030

anti-S100A10 antibody (AA 21-97)

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Overview

Quantity:	100 µL
Target:	S100A10
Binding Specificity:	AA 21-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This S100A10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human S100A10
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	S100A10

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Target Details

Alternative Name:	S100A10 (S100A10 Products)
Background:	Synonyms: 42C, P11, p10, GP11, ANX2L, CAL1L, CLP11, Ca[1], ANX2LG, Protein S100-A10, Calpactin I light chain, Calpactin-1 light chain, Cellular ligand of annexin II, S100 calcium-binding protein A10, p10 protein, S100A10 Background: Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.
Gene ID:	6281
UniProt:	P60903
Pathways:	S100 Proteins

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	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 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.
Expiry Date:	12 months

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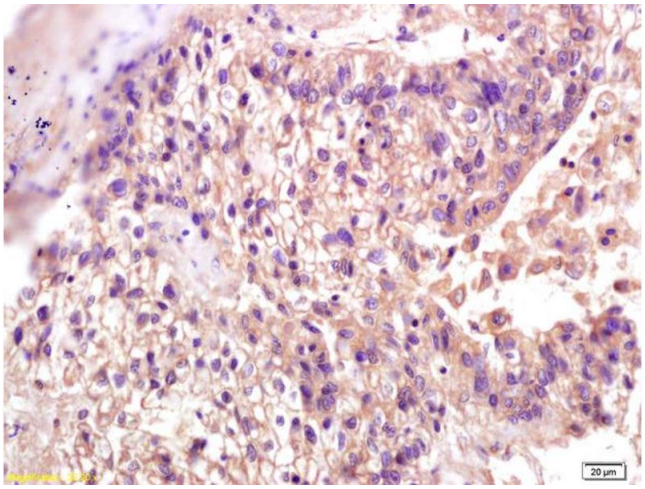
Publications

Product cited in:	Peffers, McDermott, Clegg, Riggs: "Comprehensive protein profiling of synovial fluid in osteoarthritis following protein equalization." in: **Osteoarthritis and cartilage / OARS, Osteoarthritis Research Society**, Vol. 23, Issue 7, pp. 1204-13, (2015) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-S100A10 Polyclonal Antibody, Unconjugated (ABIN1386030) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

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