

S100 alpha 6 Polyclonal Antibody | anti-S100 alpha 6 antibody

Anti-S100 alpha 6 Antibody

CATALOG # AAA46414	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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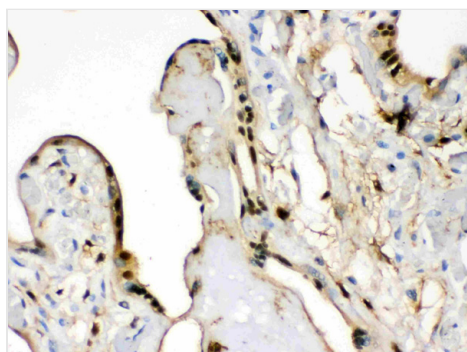
PRODUCT SYNONYMS

S100 alpha 6; Polyclonal Antibody; Anti-S100 alpha 6 Antibody; Protein S100-A6; 2A9; 5B10; CABP; CACY; Calcyclin; Growth factor inducible protein 2A9; Growth factor-inducible protein 2A9; MLN 4; MLN4; OTTHUMP00000015472; OTTHUMP00000015473; PRA; PRAGrowth factor inducible protein 2A9; Prolactin receptor associated protein; Prolactin receptor-associated protein; Protein S100 A6; S100 A6; S100 calcium binding protein A6 (calcyclin); S100 calcium binding protein A6; S100 calcium-binding protein A6; S100A6; S10A6_HUMAN; anti-S100 alpha 6 antibody

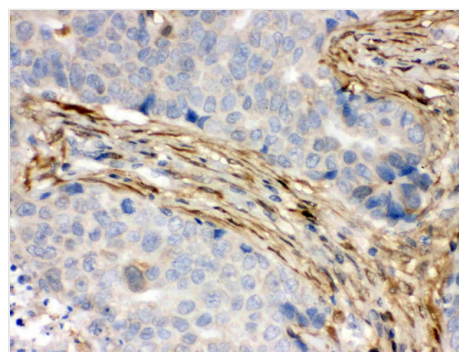
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	90
Applicable Applications for anti-S100 alpha 6 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human S100 alpha 6 recombinant protein (Position: M1-G90). Human S100 alpha 6 shares 96.6% and 95.5% amino acid (aa) sequence identity with mouse and rat S100 alpha 6, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

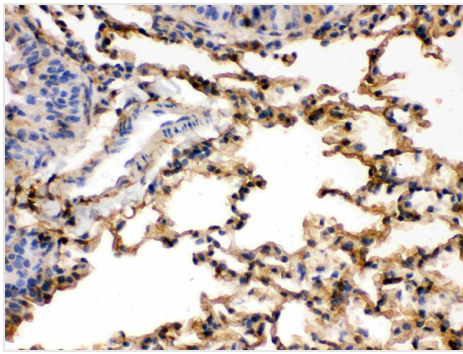
IMAGES



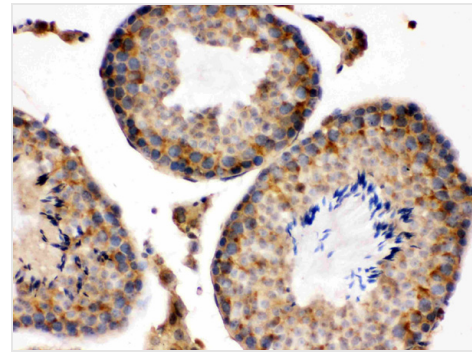
IHC (Immunohistochemistry)
Anti- S100 alpha 6 Picoband antibody, AAA46414, IHC(P)IHC(P): Human Placenta Tissue



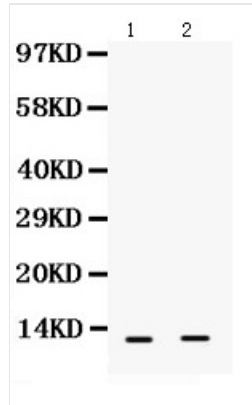
IHC (Immunohistochemistry)
Anti- S100 alpha 6 Picoband antibody, AAA46414, IHC(P)IHC(P): Human Mammary Cancer Tissue



IHC (Immunohistochemistry)
Anti- S100 alpha 6 Picoband antibody, AAA46414, IHC(P)IHC(P): Rat Lung Tissue



IHC (Immunohistochemistry)
Anti- S100 alpha 6 Picoband antibody, AAA46414, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)
Anti- S100 alpha 6 Picoband antibody, AAA46414, Western blottingAll lanes: Anti S100 alpha 6 (AAA46414) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: A431 Whole Cell Lysate at 40ugPredicted bind size: 10KDObserved bind size: 10KD

ADDITIONAL INFORMATION

Related Product Information for anti-S100 alpha 6 antibody	Description: Rabbit IgG polyclonal antibody for Protein S100-A6(S100A6) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: S100 calcium-binding protein A6 (S100A6) is a protein that in humans is encoded by the S100A6 gene. The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. And S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma.
References	1. "Entrez Gene: S100A6 S100 calcium binding protein A6". 2. Sofiadis A, Dinets A, Orre LM, Branca RM, Juhlin CC, Foukakis T, Wallin G, Höög A, Hulchiy M, Zedenius J, Larsson C, Lehtiö J (October 2010). "Proteomic study of thyroid tumors reveals frequent up-regulation of the Ca²⁺ -binding protein S100A6 in papillary thyroid carcinoma". Thyroid 20 (10): 1067-76.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657532
NCBI GeneID	6277
NCBI Accession #	NP_055439.1
NCBI GenBank Nucleotide #	NM_014624.3
UniProt Accession #	P06703 ; Q5RHS4 ; D3DV39

Molecular Weight	10,180 Da
NCBI Official Full Name	protein S100-A6
NCBI Official Synonym Full Names	S100 calcium binding protein A6
NCBI Official Symbol	S100A6
NCBI Official Synonym Symbols	2A9; PRA; 5B10; CABP; CACY
NCBI Protein Information	protein S100-A6
UniProt Protein Name	Protein S100-A6
UniProt Gene Name	S100A6
UniProt Synonym Gene Names	CACY; PRA
UniProt Entry Name	S10A6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/s100-alpha-6-antibody-immunohistochemistry-western-blot-elisa/46414>