

Rabbit anti-Human S100 Calcium Binding Protein A2 (S100A2) Polyclonal Antibody | anti-S100A2 antibody

Polyclonal Antibody to S100 Calcium Binding Protein A2 (S100A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133177	Rabbit	Human	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

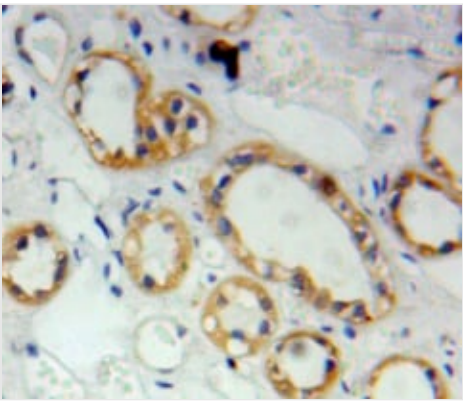
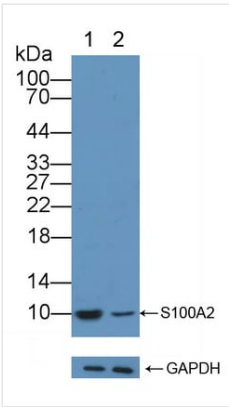
PRODUCT SYNONYMS

S100 Calcium Binding Protein A2 (S100A2); Polyclonal Antibody; Polyclonal Antibody to S100 Calcium Binding Protein A2 (S100A2); anti-S100A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against S100A2. It has been selected for its ability to recognize S100A2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-KSEDEAN RDRVAAKNAL ESYTYNIKQT VEDEKLRGKI SEQDKNKILD KCQEVINWLD RNQMAEKDEY EHKQKELERV CNPIISKLYQ
Sequence Length	98
Applicable Applications for anti-S100A2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant S100A2 (Lys529-Gln615) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES

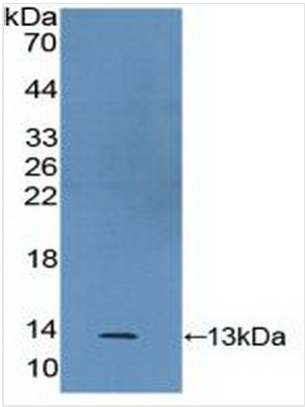


Knockout Validation

Knockout Validation: Lane 1: Wild-type BXP3 cell lysate; Lane 2: S100A2 knockout BXP3 cell lysate; Predicted MW: 11kd Observed MW: 10kd Primary Ab: 3ug/ml Rabbit Anti-Human S100A2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

IHC (Immunohiostchemistry)

DAB staining on fromalin fixed paraffin-embedded kidney tissue



WB (Western Blot)

Western Blot: Sample: Recombinant S100A2, Human.

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100A2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13676857
NCBI GeneID	3306
NCBI Accession #	NP_068814.2
NCBI GenBank Nucleotide #	NM_021979.3
UniProt Accession #	P54652; Q15508; Q53XM3; Q9UE78
Molecular Weight	70,021 Da
NCBI Official Full Name	heat shock-related 70 kDa protein 2
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 2
NCBI Official Symbol	HSPA2
NCBI Official Synonym Symbols	HSP70-2; HSP70-3

NCBI Protein Information	heat shock-related 70 kDa protein 2
UniProt Protein Name	Heat shock-related 70 kDa protein 2
UniProt Gene Name	HSPA2
UniProt Synonym Gene Names	Heat shock 70 kDa protein 2

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-calcium-binding-protein-a2-s100a2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133177>