

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

Polyclonal Antibody to S100 Calcium Binding Protein A2 (S100A2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA142075	Rabbit	Human	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

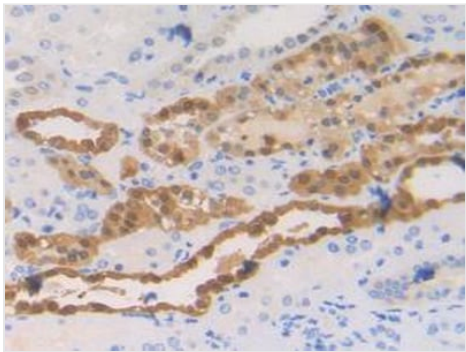
PRODUCT SYNONYMS

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

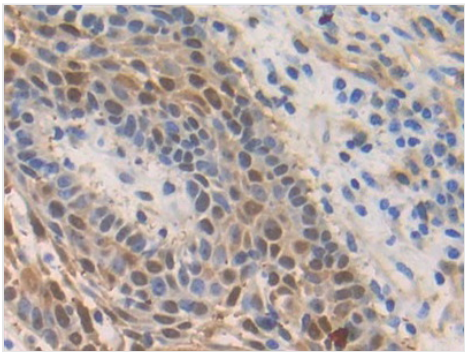
PRODUCT SPECIFICATIONS

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	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a 6xHis-tag and a GST-tag. Its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEEHLYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMALIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF EDRCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMLDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAALK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-MCSSELEQ ALAVLVTTFH KYSCQEGDKF KLSKGEMKEL LHKELPSFVG EKVDEEGLKK LMGSLDENSED QQ
Sequence Length	98
Applicable Applications for anti-S100A2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	S100A2 (Met2~Pro98)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant S100A2 (Met2~Pro98) expressed in E. coli.
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.

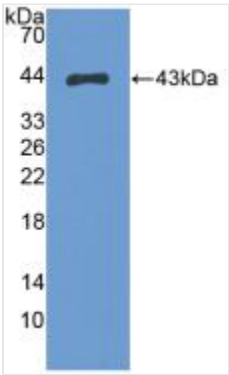
IMAGES



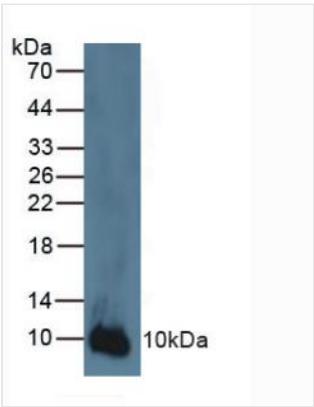
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Skin Cancer Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant S100A2, Human.



WB (Western Blot)
Western Blot: Sample: Human A431 Cells.

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.

