

Rabbit anti-Human, Mouse SRX1 Polyclonal Antibody | anti-SRX1 antibody

SRX1 Antibody

CATALOG # AAA322855	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SRX1; Polyclonal Antibody; SRX1 Antibody; C20orf1392; Chromosome 20 open reading frame 139; dJ850E9.2; Npn3; Npn31; SRXN 1; Sulfiredoxin 1; Sulfiredoxin 1 homolog (S. cerevisiae); Sulfiredoxin 1 homolog; YKL086W; anti-SRX1 antibody

PRODUCT SPECIFICATIONS

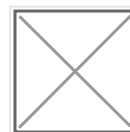
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SRX1 antibody detects endogenous levels of SRX1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	137
Applicable Applications for anti-SRX1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SRX1.
Subcellular Location	Cytoplasmic
Tissue Specificity	Widely expressed with highest levels in kidney, lung, spleen and thymus.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (92%), Sheep (92%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of A549 cells, using SRX1 antibody.



IHC (Immunohistochemistry)

AAA322855 at 1/100 staining Human lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SRX1 antibody	Function: Contributes to oxidative stress resistance by reducing cysteine-sulfinic acid formed under exposure to oxidants in the peroxiredoxins PRDX1, PRDX2, PRDX3 and PRDX4. Does not act on PRDX5 or PRDX6. May catalyze the reduction in a multi-step process by acting both as a specific phosphotransferase and a thioltransferase. Similarity: Belongs to the sulfiredoxin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22129778
NCBI GeneID	140809
NCBI Accession #	NP_542763.1
NCBI GenBank Nucleotide #	NM_080725.2
UniProt Accession #	Q9BYN0; Q8NDM3; Q96AK6; B2R543
Molecular Weight	Observed: 14 kDa Predicted: 15 kDa
NCBI Official Full Name	sulfiredoxin-1
NCBI Official Synonym Full Names	sulfiredoxin 1
NCBI Official Symbol	SRXN1
NCBI Official Synonym Symbols	SRX; Npn3; SRX1; C20orf139
NCBI Protein Information	sulfiredoxin-1
UniProt Protein Name	Sulfiredoxin-1
UniProt Gene Name	SRXN1
UniProt Synonym Gene Names	C20orf139; SRX; SRX1

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/srx1-antibody-immunohistochemistry-western-blot-elisa/322855>