

ARG64889 anti-SRX1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes SRX1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Pig
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SRX1
Species	Human
Immunogen	C-KVQSLVDTIREDPD
Conjugation	Un-conjugated
Alternate Names	EC 1.8.98.2; Sulfiredoxin-1; Npn3; SRX; C20orf139; SRX1

Application Instructions

Application table	Application	Dilution
	WB	0.5 - 1.5 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 140809 Human Swiss-port # Q9BYN0 Human
Gene Symbol	SRXN1
Gene Full Name	sulfiredoxin 1
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. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody
Calculated Mw	14 kDa

Images



ARG64889 anti-SRX1 antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64889 anti-SRX1 antibody at 0.5 µg/ml dilution.