

SRXN1 Polyclonal Antibody

Catalog: BS65423 Host: Rabbit Reactivity: Hu-
man, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,

Background:

Sulfiredoxin, also designated Sulfiredoxin-1 and chromosome 20 open reading frame 139 (C20orf139), is a cytoplasmic antioxidant protein involved in signaling through catalytic reduction of oxidative modifications. It regulates peroxiredoxins (PRXs), a family of proteins that reduce hydroperoxides, by reducing the conserved cysteine from sulfinic to sulfenic acid. This impacts the role of PRX in the reduction of other downstream transcription factors and kinase signaling pathways. The Sulfiredoxin protein specifically acts on the PRDX1, PRDX2, PRDX3 and PRDX4 peroxiredoxins, but not on PRDX5 or PRDX6. Sulfiredoxin acts as a phosphotransferase and an a-thioltransferase and is widely expressed, with highest levels detected in lung, spleen, kidney and thymus tissues.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

15 kD

Swiss-Prot:

Q9BYN0

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

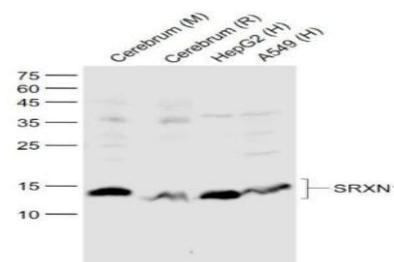
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

SRXN1 Polyclonal Antibody detects endogenous levels of SRXN1 protein.

DATA:



Primary: Anti-SRXN1 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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