

GOAT ANTI-SRRT / ARS2 ANTIBODY

SKU: EB12143

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Unit Size 100 µg

Storage Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym / serrate RNA effector molecule homolog|arsenite-resistance protein 2|arsenite resistance protein|arsenate

Alias resistance protein ARS2|arsenate resistance protein 2|serrate|ASR2|ARS2|serrate RNA effector molecule

Names homolog (Arabidopsis)|SRRT

Accession ID NP_056992.4; NP_001122324.1; NP_001122325.1; NP_001122326.1

Blocking Peptide EBP12143

Immunogen Peptide with sequence C-DPRAIVEYRDLDAPD, from the C Terminus of the protein sequence according to NP_056992.4; NP_001122324.1; NP_001122325.1; NP_001122326.1.

Product This antibody is expected to recognize all reported isoform (NP_056992.4; NP_001122324.1; NP_001122325.1; NP_001122326.1).

Comments NP_001122326.1.

Peptide Sequence C-DPRAIVEYRDLDAPD

Purification Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human, Mouse, Rat, Dog, Pig, Cow

Reactive Species Human, Mouse, Rat

Human Gene ID 51593

Mouse Gene ID 83701

Rat Gene ID 686980

Product Grade https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png

IHC Results Paraffin embedded Human Uterus. Recommended concentration: 5µg/ml.

ELISA

Detection Limit Antibody detection limit dilution 1:128000.

Approx 140kDa band observed in lysates of cell line Daudi and of Mouse Spleen, and approx 150kDa band observed in lysates of Rat Testis (calculated MW of 101kDa according to Human NP_056992.4, 100kDa

Western Blot according to Mouse NP_113582.1 and 88.4kDa according to Rat XP_006221478.1). The observed molecular weight is explained by the acetylation of the protein and it corresponds to earlier findings from sources. An additional band of unknown identity was also consistently observed at 37kDa in Mouse Spleen. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation was 1 hour.

Application Pep-ELISA, WB, IHC
Type

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

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