

## Goat anti-SRRT / ARS2 Antibody

<b>Item Number</b>	dAP-3235
<b>Target Molecule</b>	Principle Name: SRRT / ARS2; Official Symbol: SRRT; All Names and Symbols: SRRT; serrate RNA effector molecule homolog (Arabidopsis); ARS2; ASR2; serrate; arsenate resistance protein 2; arsenate resistance protein ARS2; arsenite resistance protein; arsenite-resistance protein 2; serrate RNA effector molecule homolog; Accession Number (s): NP_056992.4; NP_001122324.1; NP_001122325.1; NP_001122326.1; Human Gene ID(s): 51593; Non-Human GeneID(s): 83701 (mouse) 686980 (rat)
<b>Immunogen</b>	DPRAIVEYRDLAPD, is from C Terminus This antibody is expected to recognize all reported isoform (NP_056992.4; NP_001122324.1; NP_001122325.1; NP_001122326.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	Western Blot: 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 according to Mouse NP_113582.1 and 88.4
<b>IHC</b>	
<b>Reference</b>	Reference(s): Gruber JJ, Olejniczak SH, Yong J, La Rocca G, Dreyfuss G, Thompson CB. ArS2 promotes proper replication-dependent histone mRNA 3' end formation. Molecular cell 2012 Jan 45 (1): 87-98..PMID: 22244333->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**