

## Anti-S10AD antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to S10AD
<b>Model</b>	STJ191220
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human S10AD protein.
<b>Immunogen Region</b>	10-90aa
<b>Gene ID</b>	<a href="#">6284</a>
<b>Gene Symbol</b>	<a href="#">S100A13</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	S10AD Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Expressed in heart and skeletal muscle.
<b>Purification</b>	S10AD antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Protein S100-A13 S100 calcium-binding protein A13
<b>Molecular Weight</b>	10 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:10490</a> <a href="#">MIM:601989</a>
<b>Alternative Names</b>	Protein S100-A13 S100 calcium-binding protein A13
<b>Function</b>	Plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. Binds two calcium ions per subunit. Binds one copper ion. Binding of one copper ion does not interfere with calcium binding. Required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine .
<b>Cellular Localization</b>	Cytoplasm. Secreted. Secretion is mediated by exposure to stress and requires copper ions.

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