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## Anti-S10AE antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to S10AE
<b>Model</b>	STJ191221
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human S10AE protein.
<b>Immunogen Region</b>	30-110aa
<b>Gene ID</b>	<a href="#">57402</a>
<b>Gene Symbol</b>	<a href="#">S100A14</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	S10AE Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Expressed at highest levels in colon and at moderate levels in thymus, kidney, liver, small intestine, and lung. Low expression in heart and no expression is seen in brain, skeletal muscle, spleen, placenta and peripheral blood leukocytes.
<b>Purification</b>	S10AE 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-A14 S100 calcium-binding protein A14 S114
<b>Molecular Weight</b>	11 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:18901OMIM:607986</a>
<b>Alternative Names</b>	Protein S100-A14 S100 calcium-binding protein A14 S114
<b>Function</b>	Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium.
<b>Cellular Localization</b>	Cytoplasm

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