Product Datasheet

S100A4 Antibody (orb1246993)

Catalog Number	orb1246993
Category	Antibodies
Description	S100A4 Antibody
Target	S100A4
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Canine, Mouse, Rat
Form/Appearance	Liquid
Concentration	500 ug/mL
Buffer/Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	The immunogen for this antibody is: CNEFFEGFPDKQP
UniProt ID	P26447
Tested applications	ELISA, IHC, WB

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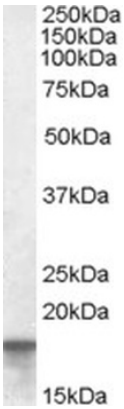
Application notes	Peptide ELISA: antibody detection limit dilution 1:128000.Western Blot:Approx 13kDa band observed in Human Peripheral blood mononuclear cells lysates (calculated MW of 11.7kDa according to NP_002952.1). Recommended concentration: 0.05-0.2µg/mL. Primary incubation was 1 hour.Immunohistochemistry:In paraffin embedded Human Small Intestine shows staining of lymphatic cells in the lamina propria. Recommended concentration: 1-2µg/mL.
Specificity	Both variants (NP_002952.1; NP_062427.1) represent identical protein.
Antibody Type	Primary Antibody
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
NCBI	**NP_062427.1**, **NP_002952.1**
Expiration Date	12 months from date of receipt.



orb1246993 (0.05 ug/ml) staining of Peripheral blood mononuclear cells lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence.

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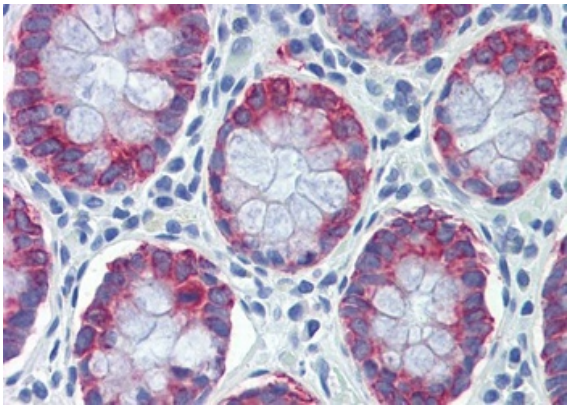

orb1246993 (2 ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

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