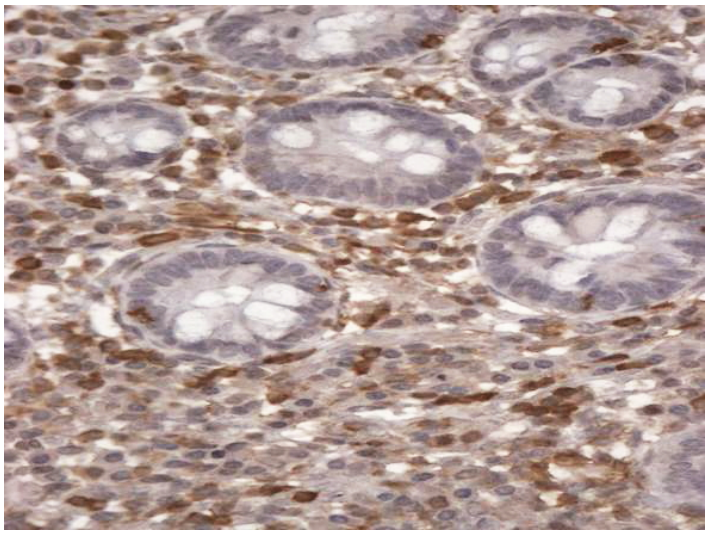
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GOAT ANTI-S100A4 / CAPL ANTIBODY

SKU: EB07493



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 / Alias Names	malignant transformation suppression 1|S100 calcium-binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)|S100 calcium-binding protein A4|S100 calcium binding protein A4 (calcium protein, calvasculin, metastasin, murine placental homolog)|PEL98|P9KA|MTS1|42A|18A2|S100 calcium binding protein A4|CAPL|S100A4
Accession ID	NP_002952.1; NP_062427.1
Blocking Peptide	EBP07493
Immunogen	Peptide with sequence CNEFFEGFPDKQP, from the C Terminus of the protein sequence according to NP_002952.1; NP_062427.1.
Product Comments	Both variants (NP_002952.1; NP_062427.1) represent identical protein.
Peptide Sequence	CNEFFEGFPDKQP
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
Reactive Species	Human
Human Gene ID	6275
Mouse Gene ID	20198
Rat Gene ID	24615
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Small Intestine shows staining of lymphatic cells in the lamina propria. Recommended concentration: 1-2µg/ml.
ELISA Detection Limit	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.
Application Type	Pep-ELISA, WB, IHC

SELECTED REFERENCES

[{"pmid": 24037664, "intro": "**This antibody (previous batch) has been successfully used in Western blot on Human:**", "title": "Comparative secretome analysis of epithelial and mesenchymal subpopulations of head and neck squamous cell carcinoma identifies S100A4 as a potential therapeutic target.", "author": "Rasanen K, Sriswasdi S, Valiga A, Tang HY, Zhang G, Perego M, Somasundaram R, Li L, Speicher K, Klein-Szanto AJ, Basu D, Rustgi AK, Speicher DW, Herlyn M.", "journal": "Mol Cell Proteomics. 2013 Dec;12(12):3778-92."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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