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Epithelial Stromal Interaction 1 Rabbit pAb

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Catalog # AP58462

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96J88
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36793
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Epsti1
Epitope Specificity	131-230/410
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Highly expressed in placenta, small intestine, spleen, kidney, thymus, liver, salivary gland and testes. Weakly expressed in breast, skeletal muscle and colon. Highly expressed in breast cancer upon interaction between tumor cells and stromal cells in vitro. Expressed in blood mononuclear cells from patients with systemic lupus erythematosus (SLE).

Additional Information

Gene ID	94240
Other Names	Epithelial-stromal interaction protein 1, EPSTI1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

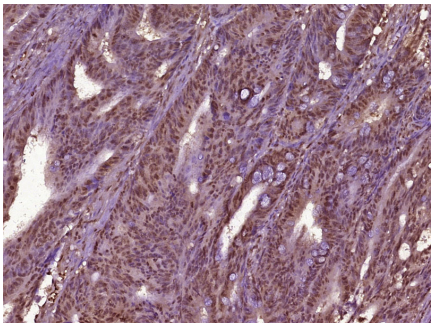
Name	EPSTI1
Function	Plays a role in M1 macrophage polarization and is required for the proper regulation of gene expression during M1 versus M2 macrophage

	differentiation (By similarity). Might play a role in RELA/p65 and STAT1 phosphorylation and nuclear localization upon activation of macrophages (By similarity).
Tissue Location	Highly expressed in placenta, small intestine, spleen, kidney, thymus, liver, salivary gland and testes. Weakly expressed in breast, skeletal muscle and colon. Highly expressed in breast cancer upon interaction between tumor cells and stromal cells in vitro. Expressed in blood mononuclear cells from patients with systemic lupus erythematosus (SLE).

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Images



Paraformaldehyde-fixed, paraffin embedded (Human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Epithelial Stromal Interaction 1) Polyclonal Antibody, Unconjugated (AP58462) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.