

Epithelial Stromal Interaction 1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58462

Specification

Epithelial Stromal Interaction 1 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat, Pig, Dog
Rost
Rabbit

Host Rabbit
Clonality Polyclonal
Calculated MW 37/47 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human Epsti1

Epitope Specificity 131-230/410

Isotype 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).

Epithelial Stromal Interaction 1 Polyclonal Antibody - Additional Information

Gene ID 94240

Other Names

Epithelial-stromal interaction protein 1, EPSTI1

Target/Specificity

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).

Dilution

IHC-P~~N/A<br \><span class</pre>

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF \sim 1:50 \sim 200<br\>E \sim N/A



Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

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.

Epithelial Stromal Interaction 1 Polyclonal Antibody - 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

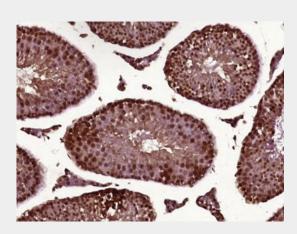
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Epithelial Stromal Interaction 1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Epithelial Stromal Interaction 1 Polyclonal Antibody - Images

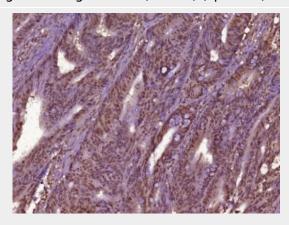


Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in





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 (bs-6532R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (bs-6532R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.