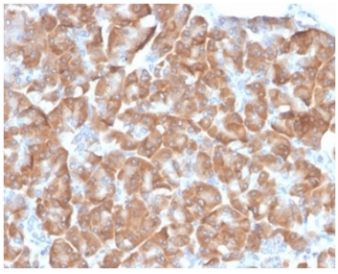
40S Ribosomal protein SA Antibody RPSA/6332R / Laminin Receptor 1 Recombinant Antibody [clone RPSA/6332R] (V9408)

Catalog No.	Formulation	Size
V9408-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9408-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9408SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

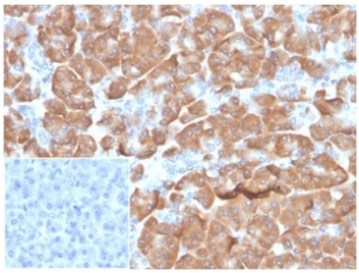
Recombinant RABBIT MONOCLONAL

Bulk quote request

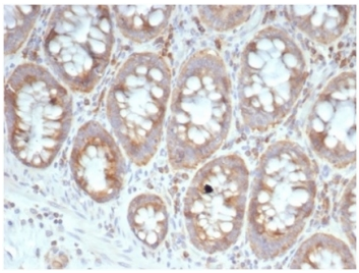
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	RPSA/6332R
Purity	Protein A/G affinity
UniProt	P08865
Localization	Cell Surface, Cytoplasmic, Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml Western blot: 2-4ug/ml
Limitations	This 40S Ribosomal protein SA antibody is available for research use only.



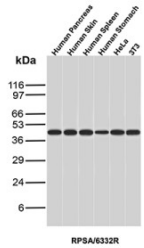
IHC staining of FFPE human pancreas with 40S Ribosomal protein SA antibody (clone RPSA/6332R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



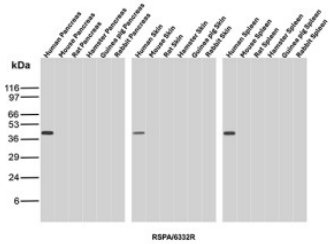
IHC staining of FFPE human pancreatic tissue with 40S Ribosomal protein SA (clone RPSA/6332R). Negative control inset: PBS instead of primary antibody to control for secondary binding. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon tissue with 40S Ribosomal protein SA (clone RPSA/6332R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



40S Ribosomal protein SA Antibody RPSA/6332R in Human Sample WB. Western Blot Analysis of Human Pancreas, Human Skin, Human Spleen, Human Stomach, HeLa and 3T3 lysates using Laminin Receptor 1 Recombinant Antibody (clone RPSA/6332R).



40S Ribosomal protein SA Antibody RPSA/6332R in WB. Western Blot Analysis of Pancreas, Skin and Spleen tissue lysates of different species using Laminin Receptor 1 Recombinant Antibody (clone RPSA/6332R).

Description

Laminins, a family of extracellular matrix glycoproteins, are the major non-collagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Many of the effects of laminin are mediated through interactions with cell surface receptors. These receptors include members of the integrin family, as well as non-integrin laminin-binding proteins. This gene encodes a high-affinity, non-integrin family member, 40S Ribosomal protein SA, also called Laminin receptor 1. Reportedly, level of laminin receptor transcript is higher in colon carcinoma tissue and lung cancer cell line than their normal counterparts. Also, there is a correlation between the upregulation of this polypeptide in cancer cells and their invasive and metastatic phenotype.

Application Notes

Optimal dilution of the 40S Ribosomal protein SA antibody should be determined by the researcher.

Immunogen

Recombinant full-length human RPSA protein was used as the immunogen for the 40S Ribosomal protein SA antibody.

Storage

Aliquot the 40S Ribosomal protein SA antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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