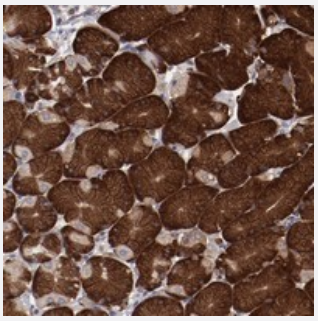
RPS4X polyclonal antibody

Catalog # PAB20008 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human stomach shows strong cytoplasmic positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant RPS4X.
Immunogen	Recombinant protein corresponding to amino acids of human RPS4X.
Sequence	KVRKITVGVKGIPHLVTHDARTIRYPDPVIKVNDTVQIDLGTGKIINFIKFDTGNLCMVIGGANLGRVGV ITNRERHPGSFDVVHVKDANGNSFATRLSNIFVIGNGNKPWISLPRGKGIRLTVA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — RPS4X

Entrez GeneID	6191
Protein Accession#	P62701
Gene Name	RPS4X
Gene Alias	CCG2, DXS306, FLJ40595, SCAR, SCR10
Gene Description	ribosomal protein S4, X-linked
Omim ID	312760
Gene Ontology	Hyperlink
Gene Summary	Cytoplasmic ribosomes, organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approxim ately 80 structurally distinct proteins. This gene encodes ribosomal protein S4, a component of th e 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, Y-linked (RPS4Y). The 2 isoforms enc oded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belon gs to the S4E family of ribosomal proteins. This gene is not subject to X-inactivation. It has been s uggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrom e; however, this hypothesis is controversial. As is typical for genes encoding ribosomal proteins, t here are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq
Other Designations	40S ribosomal protein S4, X isoform|OTTHUMP00000023537|cell cycle gene 2|ribosomal protei n S4X isoform|single-copy abundant mRNA

Pathway

- Ribosome