

ARG45741 anti-STRBP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes STRBP
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	STRBP
Species	Human
Immunogen	Recombinant protein containing to human STRBP.
Conjugation	Un-conjugated
Alternate Names	STRBP; Spermatid Perinuclear RNA Binding Protein; SPNR; Spermatid Perinuclear RNA-Binding Protein; FLJ11307; ILF3L; Interleukin Enhancer Binding Factor 3-Like; Epididymis Secretory Sperm Binding Protein; Epididymis Luminal Protein 162; HEL162; P74

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

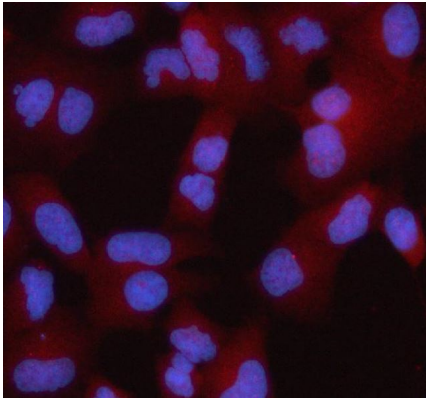
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

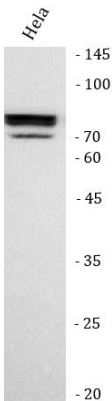
Gene Symbol	STRBP
Gene Full Name	Spermatid Perinuclear RNA Binding Protein
Background	Enables RNA binding activity. Predicted to be involved in cell differentiation and spermatogenesis. Predicted to act upstream of or within cell motility; mechanosensory behavior; and spermatid development. Located in nucleus. [provided by Alliance of Genome Resources, Feb 2025]
Function	Involved in spermatogenesis and sperm function. Plays a role in regulation of cell growth. Binds to double-stranded DNA and RNA. Binds most efficiently to poly(I:C) RNA than to poly(dI:dC) DNA. Binds also to single-stranded poly(G) RNA. Binds non-specifically to the mRNA PRM1 3'-UTR and adenovirus VA RNA (By similarity). [UniProt]
Calculated Mw	74 kDa
PTM	Methylation. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



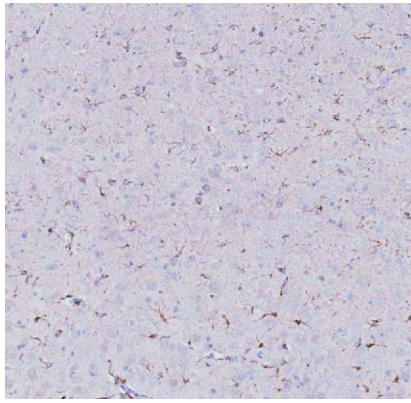
ARG45741 anti-STRBP antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG45741 anti-STRBP antibody at 5 µg/ml dilution.



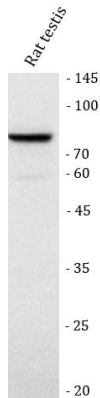
ARG45741 anti-STRBP antibody WB image

Western blot: HeLa stained with ARG45741 anti-STRBP antibody at 0.5 µg/ml dilution.



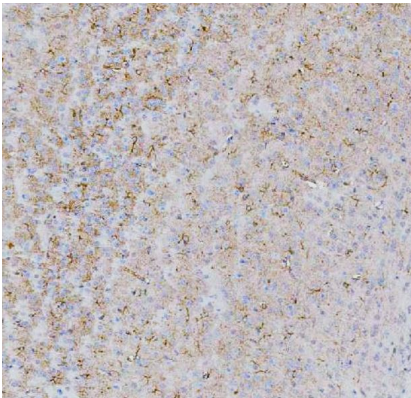
ARG45741 anti-STRBP antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45741 anti-STRBP antibody at 2 µg/ml dilution.



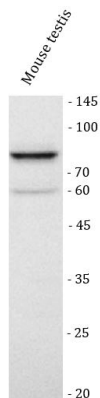
ARG45741 anti-STRBP antibody WB image

Western blot: Rat testis stained with ARG45741 anti-STRBP antibody at 0.5 µg/ml dilution.



ARG45741 anti-STRBP antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45741 anti-STRBP antibody at 2 µg/ml dilution.



ARG45741 anti-STRBP antibody WB image

Western blot: Mouse testis stained with ARG45741 anti-STRBP antibody at 0.5 µg/ml dilution.