

ARG45650 anti-KHSRP antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes KHSRP
Tested Reactivity	Hu, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	KHSRP
Species	Human
Immunogen	Recombinant protein containing to human KHSRP.
Conjugation	Un-conjugated
Alternate Names	KHSRP; KH-Type Splicing Regulatory Protein; FUBP2; KSRP; FBP2; Far Upstream Element-Binding Protein 2; FUSE-Binding Protein 2; P75; Epididymis Secretory Sperm Binding Protein; KH Type-Splicing Regulatory Protein; FUSE Binding Protein 2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	IP	0.5-2 µg/ml
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	85 - 90 kDa	

Properties

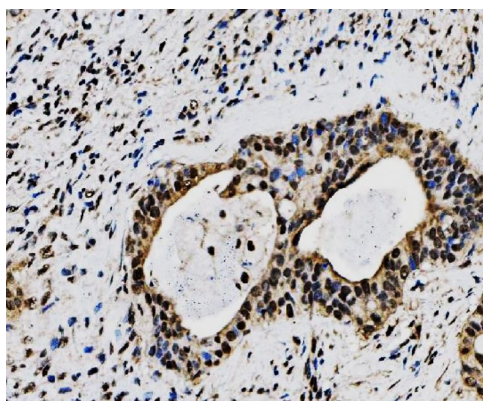
Form	Liquid
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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

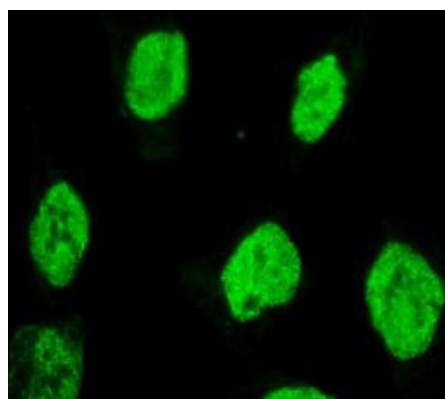
Gene Symbol	KHSRP
Gene Full Name	KH-Type Splicing Regulatory Protein
Background	The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization (Min et al., 1997 [PubMed 9136930]; Gherzi et al., 2004 [PubMed 15175153]).[supplied by OMIM, Apr 2010]
Function	Binds to the dendritic targeting element and may play a role in mRNA trafficking (By similarity). Part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. Mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs. [UniProt]
Calculated Mw	73 kDa
PTM	Acetylation; Isopeptide bond; Methylation; Phosphoprotein; Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm; Nucleus. [UniProt]

Images



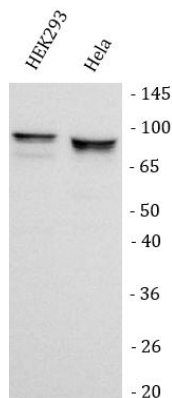
ARG45650 anti-KHSRP antibody IHC-P image

Immunohistochemistry: Human gallbladder adenocarcinoma stained with ARG45650 anti-KHSRP antibody at 2 µg/ml dilution.



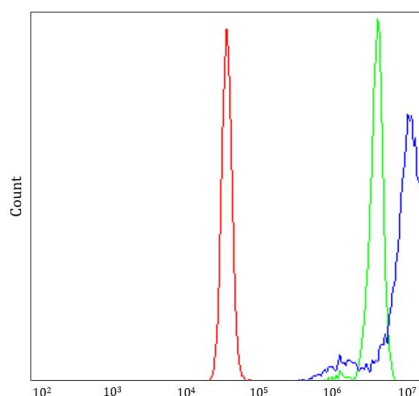
ARG45650 anti-KHSRP antibody ICC/IF image

Immunofluorescence: CACO-2 stained with ARG45650 anti-KHSRP antibody at 5 µg/ml dilution.



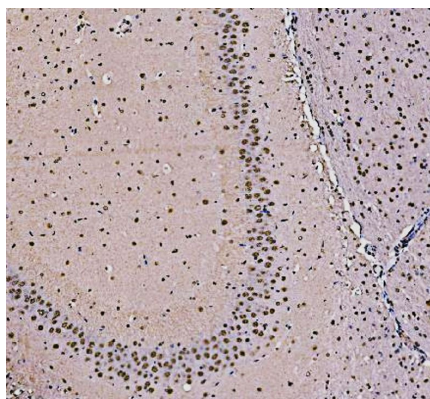
ARG45650 anti-KHSRP antibody WB image

Western blot: HEK293 and HeLa stained with ARG45650 anti-KHSRP antibody at 0.5 µg/ml dilution.



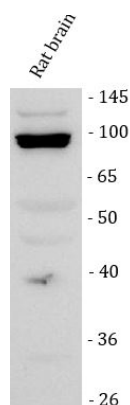
ARG45650 anti-KHSRP antibody FACS image

Flow Cytometry: K562 stained with ARG45650 anti-KHSRP antibody at 1 µg/10⁶ cells dilution.



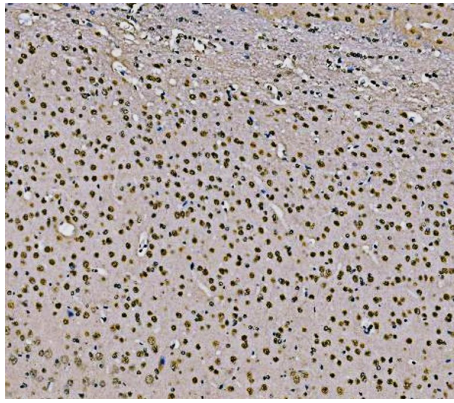
ARG45650 anti-KHSRP antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45650 anti-KHSRP antibody at 2 µg/ml dilution.



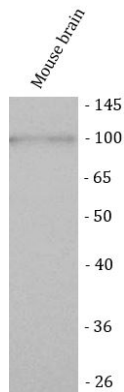
ARG45650 anti-KHSRP antibody WB image

Western blot: Rat brain stained with ARG45650 anti-KHSRP antibody at 0.5 µg/ml dilution.



ARG45650 anti-KHSRP antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45650 anti-KHSRP antibody at 2 $\mu\text{g}/\text{ml}$ dilution.



ARG45650 anti-KHSRP antibody WB image

Western blot: Mouse brain stained with ARG45650 anti-KHSRP antibody at 0.5 $\mu\text{g}/\text{ml}$ dilution.