

Rabbit SSFA2 Polyclonal Antibody | anti-SSFA2 antibody

SSFA2 Antibody

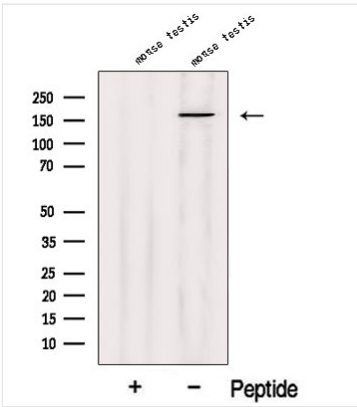
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328681	Rabbit	Human, Mouse, Rat Predicted: Pig	Western Blot

PRODUCT SYNONYMS

SSFA2; Polyclonal Antibody; SSFA2 Antibody; Cleavage signal-1 protein; CS-1; CS1; Ki-ras-induced actin-interacting protein; KIAA1927; KRAP; KRAS induced actin interacting protein; SPAG13; Sperm associated antigen 13; Sperm-specific antigen 2; SSFA2_HUMAN; anti-SSFA2 antibody

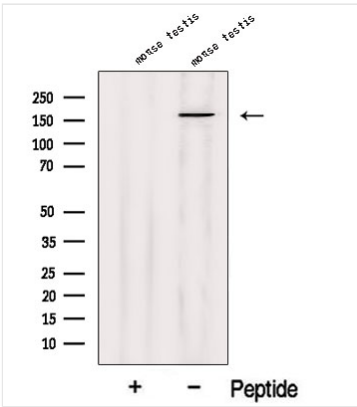
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig
Clonality	Polyclonal
Isotype	IgG
Specificity	SSFA2 Antibody detects endogenous levels of SSFA2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1259
Applicable Applications for anti-SSFA2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SSFA2.
Tissue Specificity	Strongly expressed in pancreas and testis. Present in colon cancer cells (at protein level).
Fragment	Fab Fragment
Conjugate	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)

Western blot analysis of extracts from Mouse testis tissue, using SSFA2 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)

staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SSFA2 antibody	A 33 kDa peptide corresponding to the C-terminus of this protein is found in the testis and seems to be cleaved into 2 peptides of 14 kDa and 18 kDa found on the surface of mature sperm cells. This sperm surface antigen may be involved in some step of early cleavage of the fertilized oocyte.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40352771
NCBI GeneID	6744
UniProt Accession #	P28290
Molecular Weight	Observed: 180 kDa Predicted: 139 kDa
NCBI Official Full Name	SSFA2 protein
NCBI Official Synonym Full Names	ITPR interacting domain containing 2
NCBI Official Symbol	ITPRID2
NCBI Official Synonym Symbols	CS1; CS-1; KRAP; SSFA2; SPAG13
NCBI Protein Information	protein ITPRID2
UniProt Protein Name	Sperm-specific antigen 2
UniProt Gene Name	SSFA2
UniProt Synonym Gene Names	CS1; KIAA1927; KRAP; CS-1
UniProt Entry Name	SSFA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.