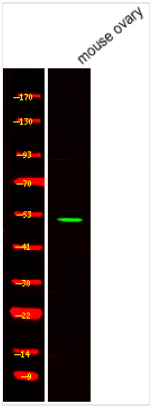
STF-1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STF-1, Polyclonal Antibody
Full Product Name	STF-1 (Phospho-Ser203) Antibody
Product Gene Name	anti-STF-1 antibody
Product Synonym Names	STF-1 (Phospho-Ser203); Steroidogenic factor 1 (SF-1)(STF-1)(Adrenal 4-binding protein)(Fushi tarazu factor homolog 1)(Nuclear receptor subfamily 5 group A member 1)(Steroid hormone receptor Ad4BP)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of STF-1 (Phospho-Ser203) at Human, Mouse,Rat
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	51,636 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (127243515..127269699, complement). Location: 9q33
OMIM	184757
3D Structure	ModBase 3D Structure for Q13285
Immunogen	Synthesized peptide derived from human STF-1 (Phospho-Ser203)
Modification	Phospho Specific
Product Categories/Family for anti-STF-1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-STF-1 antibody	Western Blot (WB)
Application Notes for anti-STF-1 antibody	WB: 1:500-2000
Related Product Information for anti-STF-1 antibody	The protein encoded by this gene is a transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-STF-1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for STF-1 purchase	MBS9519428 is an antibody targeting STF-1. Also known as STF-1 (Phospho-Ser203) Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-STF-1 antibody
Western Blot analysis of various,using primary antibody at 1:1000 dilution. Secondary antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STF-1. It may not necessarily be applicable to this product.

NCBI GI #	20070193
NCBI GeneID	2516
NCBI Accession #	NP_004950.2
UniProt Primary Accession #	Q13285
UniProt Secondary Accession #	O15196; Q5T6F5
UniProt Related Accession #	Q13285
GenBank Nucleotide #	NM_004959.4
NCBI Official Full Name	steroidogenic factor 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 5, group A, member 1
NCBI Official Symbol	NR5A1
NCBI Official Synonym Symbols	ELP; SF1; FTZ1; POF7; SF-1; AD4BP; FTZF1; SPGF8; SRXY3
UniProt Protein Name	Steroidogenic factor 1
UniProt Synonym Protein Names	Adrenal 4-binding protein; Fushi tarazu factor homolog 1; Nuclear receptor subfamily 5 group A member 1; Steroid hormone receptor Ad4BP
Protein Family	Steroidogenic factor
UniProt Gene Name	NR5A1
UniProt Synonym Gene Names	AD4BP; FTZF1; SF1; SF-1; STF-1
UniProt Entry Name	STF1_HUMAN
NCBI Protein Information	steroidogenic factor 1; STF-1; nuclear receptor AdBP4; steroidogenic factor-1; adrenal 4 binding protein; adrenal 4-binding protein; fushi tarazu factor homolog 1; steroid hormone receptor Ad4BP; steroidogenic factor 1 nuclear receptor

UniProt Comments for STF-1	STF-1: a nuclear hormone receptor of the NR5 subfamily. Essential for sexual differentiation and formation of the primary steroidogenic tissues. Binds to the Ad4 site found in the promoter region of steroidogenic P-450 genes such as CYP11A, CYP11B and CYP21B. Also regulates the Muellerian inhibiting substance (AMH) gene as well as the AHCH and STAR genes. Protein type: Nuclear receptor Chromosomal Location of Human Ortholog: 9q33 Cellular Component: nucleoplasm; nucleus Molecular Function: RNA polymerase II transcription factor activity, enhancer binding; protein binding; ligand-dependent nuclear receptor activity; enzyme binding; DNA binding; zinc ion binding; sequence-specific DNA binding; transcription coactivator activity; double-stranded DNA binding; steroid hormone receptor activity; phospholipid binding; chromatin binding Biological Process: transcription initiation from RNA polymerase II promoter; tissue development; intracellular receptor-mediated signaling pathway; adrenal gland development; primary sex determination; male gonad development; multicellular organismal aging; regulation of steroid biosynthetic process; cell-cell signaling; luteinization; hormone metabolic process; gene expression; positive regulation of transcription from RNA polymerase II promoter; steroid hormone mediated signaling; maintenance of protein localization in nucleus; cell differentiation Disease: Premature Ovarian Failure 7; 46,xy Sex Reversal 3; Spermatogenic Failure 8
Research Articles on STF-1	**1.** SF-1 regulates LRH-1 expression in ovarian granulosa cells.
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