



STF-1 (Phospho-Ser203) rabbit pAb

Catalog No	YP-Ab-10533
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	NR5A1 AD4BP FTZF1 SF1
Immunogen	Synthesized peptide derived from human STF-1 (Phospho-Ser203)
Specificity	This antibody detects endogenous levels of STF-1 (Phospho-Ser203) at Human, Mouse, Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.189% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Glucose sensitive factor; Glucose-sensitive factor; GSF; IDX 1; IDX-1; STF-1; NR5A1 AD4BP FTZF1 SF1; 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)
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus .
Tissue Specificity	High expressed in the adrenal cortex, the ovary, the testis, and the spleen (PubMed:9177385).
Function	disease: Defects in NR5A1 are a cause of adrenocortical insufficiency without ovarian defect [MIM:184757]. The disease is characterized by severe 'slackness, ' muscular hypotonia. There is decreased sodium, increased potassium and elevated ACTH., disease: Defects in NR5A1 are a cause of XY sex reversal with or without adrenal failure [MIM:184757]. This disease is characterized by normal female external genitalia and retention of the uterus., function: Transcriptional activator. Seems to be 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. 5'-YCAAGGYC-3' and 5'-RRAGGTCA-3' are the consensus sequences for the recognition by NR5A1/FTZF1. The SFPQ-NO

Background

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],

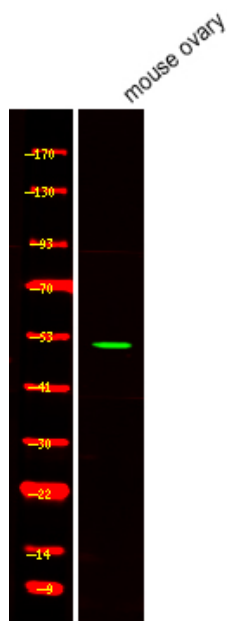
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000