Best Tools for immunology Research

STF-1 (Phospho Ser203) rabbit pAb

Catalog No :	YP1762
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	STF-1
Fields :	>>Cortisol synthesis and secretion;>>Cushing syndrome
Gene Name :	NR5A1 AD4BP FTZF1 SF1
Protein Name :	STF-1 (Phospho-Ser203)
Human Gene Id :	2516
Human Swiss Prot No :	Q13285
Mouse Gene Id :	26423
Mouse Swiss Prot No :	P33242
Rat Gene Id :	83826
Rat Swiss Prot No :	P50569
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, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000

Purification : The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 51kD

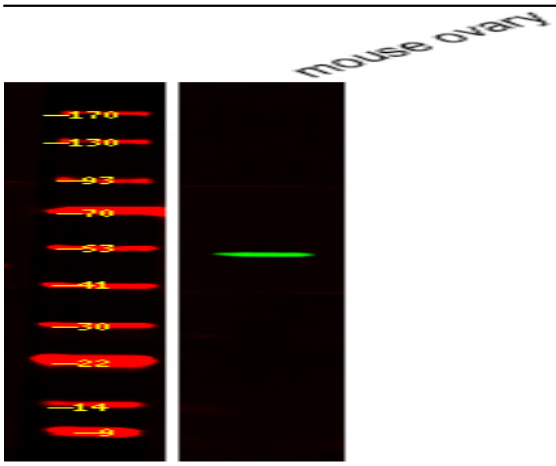
Background : The protein encoded by this gene is a transcriptional activator involved in sex determination. The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian defect. [provided by RefSeq, Jul 2008],

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

Subcellular Location : Nucleus .

Expression : High expressed in the adrenal cortex, the ovary, the testis, and the spleen (PubMed:9177385).

Products Images



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