



S5A1 Monoclonal Antibody

Catalog No	BYmab-07765
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	SRD5A1
Protein Name	3-oxo-5-alpha-steroid 4-dehydrogenase 1 (EC 1.3.1.30) (SR type 1) (Steroid 5-alpha-reductase 1) (S5AR 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	S5A1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	28kD
Cell Pathway	Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Liver and prostate (at a low level).
Function	catalytic activity:A 3-oxo-5-alpha-steroid + acceptor = a 3-oxo-Delta(4)-steroid + reduced acceptor.,function:Converts testosterone into 5-alpha-dihydrotestosterone and progesterone or corticosterone into their corresponding 5-alpha-3-oxosteroids. It plays a central role in sexual differentiation and androgen physiology.,induction:Its expression is regulated by androgens such as testosterone.,online information:5-alpha reductase entry,similarity:Belongs to the steroid 5-alpha reductase family.,tissue specificity:Liver and prostate (at a low level).,
Background	Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).[supplied by OMIM, Mar 2008],

Nanjing BYabscience technology Co.,Ltd



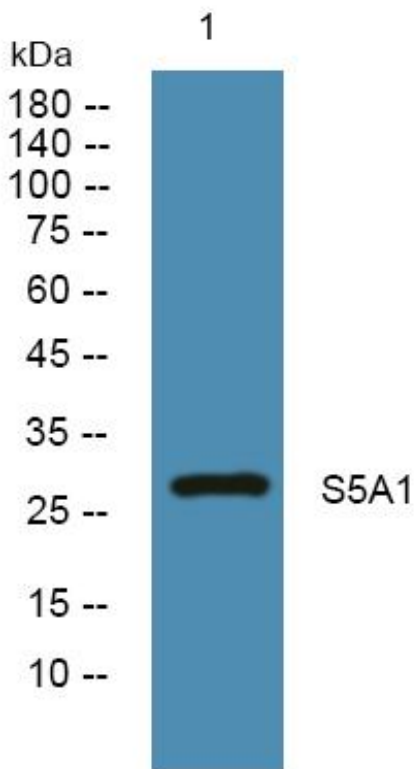
matters needing attention

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 cells using S5A1 Monoclonal Antibody