

Product Datasheet

StAR Antibody (5F9) - Azide and BSA Free H00006770-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006770-M01

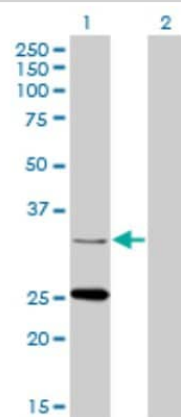
StAR Antibody (5F9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5F9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6770
Gene Symbol	STAR
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 22708737).
Specificity/Sensitivity	STAR - steroidogenic acute regulator
Immunogen	STAR (AAH10550, 81 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EAMQKALGILSNQEGWKESQQDNGDKVMSKVVPDVGKVFRLEVVDQPMERLYEELVERMEAMGEWNPVNKEIKVLQKIGKDTFITHELAAEAAGNLVG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

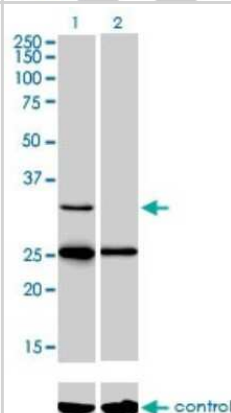


Images

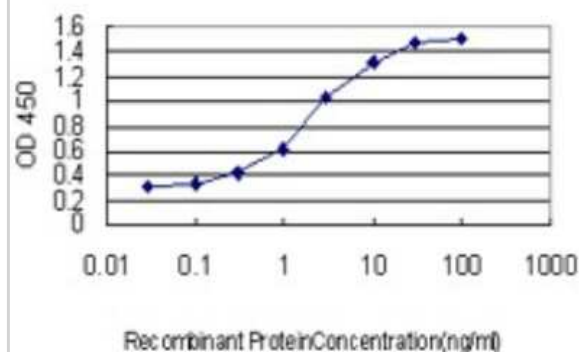
Western Blot: StAR Antibody (5F9) [H00006770-M01] - Analysis of STAR expression in transfected 293T cell line by STAR monoclonal antibody (M01), clone 5F9. Lane 1: STAR transfected lysate(31.9 KDa). Lane 2: Non-transfected lysate.



Western Blot: StAR Antibody (5F9) [H00006770-M01] - Analysis of STAR over-expressed 293 cell line, cotransfected with STAR Validated Chimera RNAi (Cat # H00006770-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with STAR monoclonal antibody (M01), clone 5F9 (Cat # H00006770-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Sandwich ELISA: StAR Antibody (5F9) [H00006770-M01] - Detection limit for recombinant GST tagged STAR is approximately 0.03ng/ml as a capture antibody.



Publications

Adedara IA, Farombi EO. Chemoprotective effects of kolaviron on ethylene glycol monoethyl ether-induced pituitary-thyroid axis toxicity in male rats *Andrologia* 2012-06-19 [PMID: 22708737] (WB, Rat)

Sedelaar JP, Isaacs JT. Tissue culture media supplemented with 10% fetal calf serum contains a castrate level of testosterone. *Prostate* 69(16):1724-9. 2009-12-01 [PMID: 19676093]

Li B, Vachali P, Frederick JM, Bernstein PS. Identification of StARD3 as a Lutein-binding Protein in the Macula of the Primate Retina. *Biochemistry*;50(13):2541-9. 2011-04-05 [PMID: 21322544]

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-72531-100ug	Recombinant Human StAR His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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