

# Product Datasheet

## StAR Antibody NBP1-33485

Unit Size: 100 ul

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

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**NBP1-33485**

StAR Antibody

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	32 kDa

**Product Description**

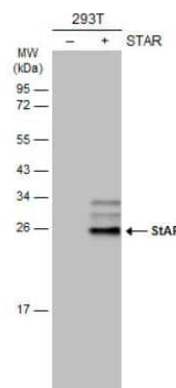
<b>Host</b>	Rabbit
<b>Gene ID</b>	6770
<b>Gene Symbol</b>	STAR
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Porcine reactivity reported in scientific literature (Bidne KL et al).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human StAR. The exact sequence is proprietary.

**Product Application Details**

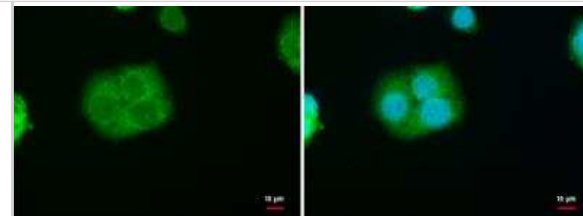
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

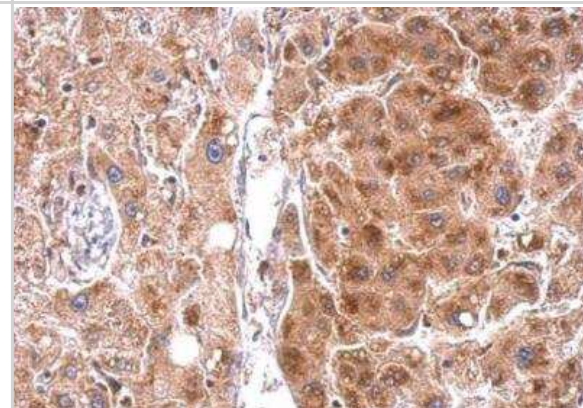
Western Blot: StAR Antibody [NBP1-33485] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody



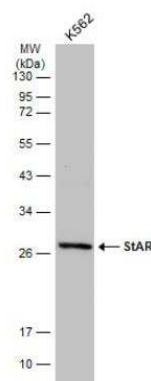
**Immunocytochemistry/Immunofluorescence:** StAR Antibody [NBP1-33485] - HepG2 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: StAR protein stained by StAR antibody diluted at 1:500. Blue: Hoechst 33342 staining.



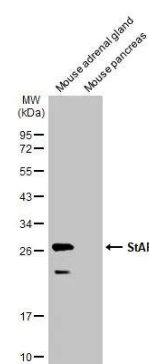
**Immunohistochemistry-Paraffin:** StAR Antibody [NBP1-33485] - Human hepatoma. StAR antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



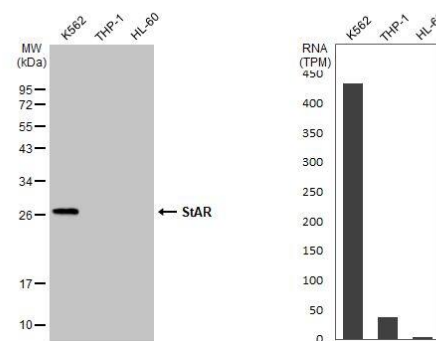
**Western Blot:** StAR Antibody [NBP1-33485] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



**Western Blot:** StAR Antibody [NBP1-33485] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody (NBP1-33485) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: StAR Antibody [NBP1-33485] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with StAR antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



## Publications

Wang Y, Guo B, Guo Y, Qi N et Al. A spatiotemporal steroidogenic regulatory network in human fetal adrenal glands and gonads *Front Endocrinol (Lausanne)* 2022-12-05 [PMID: 36465633]

Jiang JH, Wang YF, Zheng J et Al. Human-like adrenal features in Chinese tree shrews revealed by multi-omics analysis of adrenal cell populations and steroid synthesis *Zool Res* 2024-05-20 [PMID: 38766745]

Ganesan S, Keating AF Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice *Toxicol. Appl. Pharmacol.* 2020-07-04 [PMID: 32634520] (WB, Mouse)

Bidne KL, Romoser MR, Ross JW et al. Heat stress during the luteal phase decreases luteal size but does not impact circulating progesterone in gilts *J. Anim. Sci.* 2019-08-02 [PMID: 31372640]

Bidne KL. Investigating the ovarian response to endotoxemia. Thesis 1905-07-09 (WB, Porcine)



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### **Products Related to NBP1-33485**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72531-100ug	Recombinant Human StAR His Protein

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### **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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