

Product Datasheet

FSHR Antibody (6E8.2F5) - BSA Free NBP2-36489

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 8

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NBP2-36489

FSHR Antibody (6E8.2F5) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6E8.2F5
Preservative	0.05% Sodium Azide
Purity	Protein G purified
Buffer	PBS

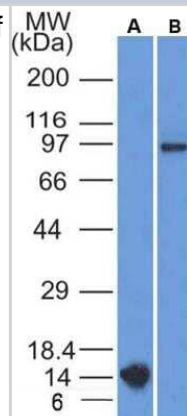
Product Description	
Description	Novus Biologicals Mouse FSHR Antibody (6E8.2F5) - BSA Free (NBP2-36489) is a monoclonal antibody validated for use in IHC and WB. Anti-FSHR Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2492
Gene Symbol	FSHR
Species	Human
Reactivity Notes	Immunogen's sequence similarity with other species: Chicken and Duck (70%), Xenopus (71%).
Immunogen	A synthetic peptide made to the human FSH R protein sequence (between residues 1-200). [Swiss-Prot P23945]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 2-3 ug/ml, Immunohistochemistry 2-5 ug/ml, Immunohistochemistry-Paraffin 2-5 ug/ml
Application Notes	The canonical isoform of FSHR is 78.3 kDa, however, it undergoes processing via glycosylation and the glycosylated protein runs at higher than predicted molecular weight. Under non-reducing conditions, FSHR may form dimers via disulfide bond formation.

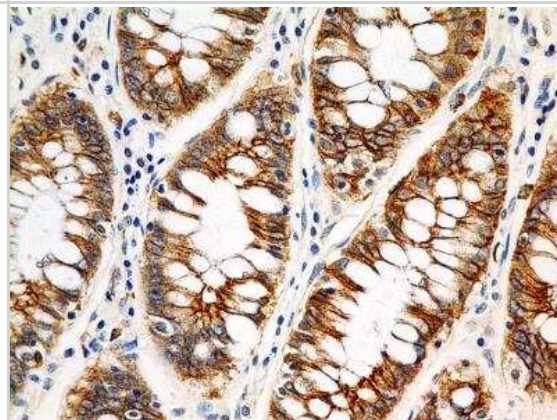


Images

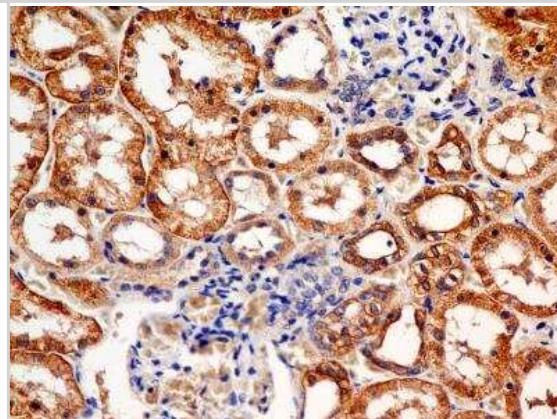
Western Blot: FSH R Antibody (6E8.2F5) [NBP2-36489] - WB analysis of (A) 15kDa partial recombinant Human FSHR protein and (B) lysate of HepG2 cells using FSH R antibody (clone 6E8.2F5) at 3ug/ml concentration.



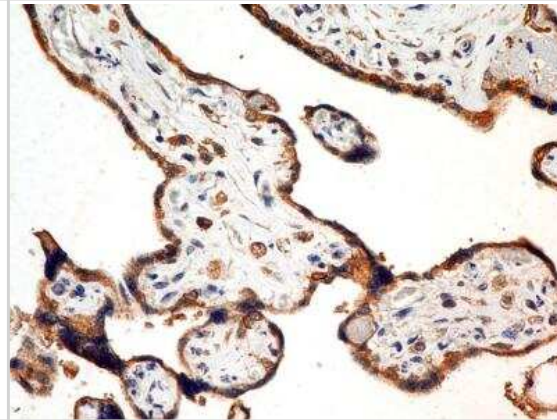
Immunohistochemistry-Paraffin: FSH R Antibody (6E8.2F5) [NBP2-36489] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human rectal adenocarcinoma using FSH R antibody (clone 6E8.2F5) at 5 ug/ml concentration. The columnar cells depicted strong membranous staining with weaker cytoplasmic signal for FSHR protein.



Immunohistochemistry-Paraffin: FSH R Antibody (6E8.2F5) [NBP2-36489] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human kidney using FSH R antibody (clone 6E8.2F5) at 5 ug/ml concentration.



Immunohistochemistry-Paraffin: FSH R Antibody (6E8.2F5) [NBP2-36489] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human placenta using FSH R antibody (clone 6E8.2F5) at 5 ug/ml concentration.



Publications

Rossella Cannarella, Francesca Mancuso, Iva Arato, Cinzia Lilli, Catia Bellucci, Marco Gargaro, Roberto Curto, Maria C. Aglietti, Sandro La Vignera, Rosita A. Condorelli, Giovanni Luca, Aldo E. Calogero Sperm-carried IGF2 downregulated the expression of mitogens produced by Sertoli cells: A paracrine mechanism for regulating spermatogenesis? *Frontiers in Endocrinology* 2022-11-29 [PMID: 36523595]

Basolo A, Poma AM, Macerola E et al. AUTOPSY STUDY OF TESTICLES IN COVID-19: UPREGULATION OF IMMUNE-RELATED GENES AND DOWNREGULATION OF TESTIS-SPECIFIC GENES *The Journal of clinical endocrinology and metabolism* 2022-10-19 [PMID: 36260523]

Lu X, Ding F, Chen Y, Ke S et Al. Deficiency of C1QL1 Reduced Murine Ovarian Follicle Reserve Through Intraovarian and Endocrine Control *Endocrinology* 2022-05-13 [PMID: 35560215]

Park, SR;Kook, MG;Kim, SR;Lee, CM;Lee, JW;Park, JK;Park, CH;Oh, BC;Jung, Y;Hong, IS; Development of a novel testis-on-a-chip that demonstrates reciprocal crosstalk between Sertoli and Leydig cells in testicular tissue *Experimental & molecular medicine* 2024-07-01 [PMID: 38945952]

Ghosh A, Roychowdhury T, Nandi R Et al. Inhibitory role of a smart nano-trifattyglyceride of Moringa oleifera root in epithelial ovarian cancer, through attenuation of FSHR - c-Myc axis *J Tradit Complement Med* 2021-11-12 [PMID: 34765512]

Details:

Citation using the HRP version of this antibody.

Yuan L, Hang W, Bi Y et al. G-CSF-mobilized Peripheral Blood Mononuclear Cells Combined with Platelet-rich Plasma Restored the Ovarian Function of aged rats via angiogenesis and glycolysis modulation *Research Square* 2022-01-20 [PMID: 37209460] (IF/IHC, Rat)

Panza S, Giordano F, De Rose D et al. FSH-R Human Early Male Genital Tract, Testicular Tumors and Sperm: Its Involvement in Testicular Disorders *Life (Basel, Switzerland)* 2020-12-09 [PMID: 33317204] (IHC-P, Human)

Park SR, Kim SR, Lee JW et al. Development of a novel dual reproductive organ on a chip: recapitulating bidirectional endocrine crosstalk between the uterine endometrium and the ovary *Biofabrication* 2020-09-30 [PMID: 32998123]





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Products Related to NBP2-36489

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-36489B	FSHR Antibody (6E8.2F5) [Biotin]

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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