Product Datasheet

ER beta/NR3A2 Antibody (7B10.7) - Azide and BSA Free
NBP1-41194

Unit Size: 0.1 ml

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

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Publications: 9

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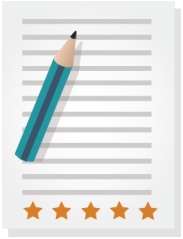
Updated 9/9/2025 v.20.1



NBP1-41194

ER beta/NR3A2 Antibody (7B10.7) - Azide and BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7B10.7
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	59 kDa

Product Description

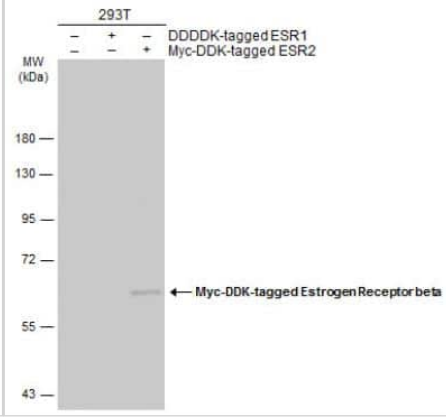
Description	Novus Biologicals Mouse ER beta/NR3A2 Antibody (7B10.7) - Azide and BSA Free (NBP1-41194) is a monoclonal antibody validated for use in WB, IP and ChIP. Anti-ER beta/NR3A2 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2100
Gene Symbol	ESR2
Species	Human
Specificity/Sensitivity	This antibody will recognize human ER beta.
Immunogen	Amino acids 1-153 of human ER beta/NR3A2 expressed in E. coli.

Product Application Details

Applications	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1-5 ug/ml, Immunoprecipitation 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	ChIP usage reported in scientific literature. WB: Predicted MW is 59 kDa.

Images

Western Blot: ER beta/NR3A2 Antibody (7B10.7) [NBP1-41194] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Estrogen Receptor beta antibody [7B10.7]. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Vivar OI, Zhao X, Saunier EF et al. Estrogen receptor beta binds to and regulates three distinct classes of target genes. J Biol Chem 2010-07-01 [PMID: 20404318] (Chemotaxis, Human)

Charn TH, Liu ET, Chang EC et al. Genome-wide dynamics of chromatin binding of estrogen receptors alpha and beta: mutual restriction and competitive site selection. Mol Endocrinol 2010-01-01 [PMID: 19897598] (Chemotaxis, Human)

Vivar OI, Saunier EF, Leitman DC et al. Selective activation of estrogen receptor-beta target genes by 3,3'-diindolylmethane. Endocrinology 2010-04-01 [PMID: 20160136] (Chemotaxis, Human)

Chang EC, Charn TH, Park SH et al. Estrogen Receptors alpha and beta as determinants of gene expression: influence of ligand, dose, and chromatin binding. Mol Endocrinol 2008-05-01 [PMID: 18258689] (Chemotaxis, Human)

Cvoro A, Paruthiyil S, Jones JO et al. Selective activation of estrogen receptor-beta transcriptional pathways by an herbal extract. Endocrinology 2007-02-01 [PMID: 17095596] (Chemotaxis, Human)

Cvoro A, Tzagarakis-Foster C, Tatomer D et al. Distinct roles of unliganded and liganded estrogen receptors in transcriptional repression. Mol Cell 2006-02-01 [PMID: 16483936] (Chemotaxis, Human)

Tee Primate, Rogatsky I, Tzagarakis-Foster C et al. Estradiol and selective estrogen receptor modulators differentially regulate target genes with estrogen receptors alpha and beta. Mol Biol Cell 2004-03-01 [PMID: 14699072] (Chemotaxis, Human)

Bianco NR, Perry G, Smith MA et al. Functional implications of antiestrogen induction of quinone reductase: inhibition of estrogen-induced deoxyribonucleic acid damage. Mol Endocrinol 2003-07-01 [PMID: 12714703] (Chemotaxis, Human)

Burakov D, Crofts LA, Chang CP et al. Reciprocal recruitment of DRIP/mediator and p160 coactivator complexes in vivo by estrogen receptor. J Biol Chem 2002-04-01 [PMID: 11893728] (Chemotaxis, Human)

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Products Related to NBP1-41194

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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