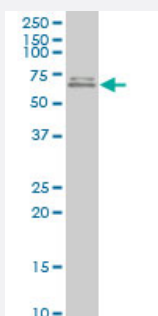


ESR2 polyclonal antibody (A01)

Catalog # H00002100-A01

Size 50 uL

Applications



Western Blot (Cell lysate)

ESR2 polyclonal antibody (A01), Lot # ABNOVA060605QCS1 Western Blot analysis of ESR2 expression in MES-SA/Dx5 (Cat # L021V1).

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ESR2.
Immunogen	ESR2 (NP_001428, 22 a.a. ~ 121 a.a) partial recombinant protein with GST tag.
Sequence	ILPLEHGSMYPSSYVDSHHEYAMTFYSPAVMNYSIPSNVTNLEGGPGRQTTSPNVLWPTPGHLSP LVVHRQLSHLYAEPQKSPWCARSLEHTLPVNR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ESR2 polyclonal antibody (A01), Lot # ABNOVA060605QCS1 Western Blot analysis of ESR2 expression in MES-SA/Dx5 (Cat # L021V1).

[Protocol Download](#)

- ELISA

Gene Info — ESR2

Entrez GeneID [2100](#)

GeneBank Accession# [NM_001437](#)

Protein Accession# [NP_001428](#)

Gene Name ESR2

Gene Alias ER-BETA, ESR-BETA, ESRB, ESTRB, Erb, NR3A2

Gene Description estrogen receptor 2 (ER beta)

Omim ID [601663](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. The gene product contains an N-terminal DNA binding domain and C-terminal ligand binding domain and is localized to the nucleus, cytoplasm, and mitochondria. Upon binding to 17beta-estradiol or related ligands, the encoded protein forms homo- or hetero-dimers that interact with specific DNA sequences to activate transcription. Some isoforms dominantly inhibit the activity of other estrogen receptor family members. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been fully characterized. [provided by RefSeq]

Other Designations estrogen receptor beta|estrogen receptor beta 4

Disease

- [Abortion](#)

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Anorexia Nervosa](#)
- [Aortic Aneurysm](#)
- [Arthritis](#)
- [Asperger Syndrome](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Azoospermia](#)
- [Biliary Tract Neoplasms](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Cellulitis](#)
- [Cerebrovascular Accident](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Cognition Disorders](#)

- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Stenosis](#)
- [Cryptorchidism](#)
- [Dementia](#)
- [Depressive Disorder](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Endometrial Neoplasms](#)
- [Endometriosis](#)
- [Fetal Membranes](#)
- [Fractures](#)
- [Gallstones](#)
- [Gaucher disease](#)
- [Gender Identity](#)
- [Genetic Predisposition to Disease](#)
- [Germinoma](#)
- [Glaucoma](#)
- [Graft vs Host Disease](#)
- [Graves Disease](#)
- [Headache](#)
- [Hip Fractures](#)

- [Hot Flashes](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypospadias](#)
- [Infertility](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leiomyoma](#)
- [Liver Cirrhosis](#)
- [Low Tension Glaucoma](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphoma](#)
- [Menstruation Disturbances](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Migraine Disorders](#)
- [Mood Disorders](#)
- [Myocardial Infarction](#)
- [Neoplasm Invasiveness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)

- [Oligospermia](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Overweight](#)
- [Parkinson disease](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Premenstrual Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Scleroderma](#)
- [Scoliosis](#)
- [Seminoma](#)
- [Social Perception](#)

- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Varicose Ulcer](#)
- [Venous Thrombosis](#)
- [Vision Disorders](#)
- [Werner syndrome](#)