

ESRRG Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5176

Specification

ESRRG Antibody (Center) - Product Information

Application WB,E
Primary Accession P62508

Other Accession P62510, P62509

Reactivity
Predicted
Host
Clonality

Human
Mouse, Rat
Rabbit
Polyclonal

Calculated MW H=51,49,49M=51,49 KDa

Isotype Rabbit IgG
Antigen Source HUMAN

ESRRG Antibody (Center) - Additional Information

Gene ID 2104

Antigen Region

189-221

Other Names

ESRRG; ERR3; ERRG2; KIAA0832; NR3B3; Estrogen-related receptor gamma; ERR gamma-2; Estrogen receptor-related protein 3; Nuclear receptor subfamily 3 group B member 3

Dilution

WB~~1:1000

Target/Specificity

This ESRRG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 189-221 amino acids from the Central region of human ESRRG.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ESRRG Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ESRRG Antibody (Center) - Protein Information



Name ESRRG

Synonyms ERR3, ERRG2, KIAA0832, NR3B3

Function

Orphan receptor that acts as a transcription activator in the absence of bound ligand. Binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements (By similarity). Induces the expression of PERM1 in the skeletal muscle.

Cellular Location

Nucleus.

Tissue Location

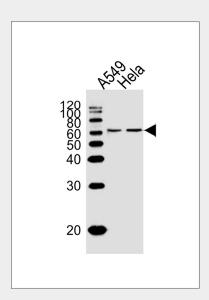
Expressed in the heart, kidney, brain, lung, bone marrow, adrenal gland, trachea, spinal cord and thyroid gland

ESRRG Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

ESRRG Antibody (Center) - Images



Western blot analysis of lysates from A549,Hela cell line (from left to right), using ESRRG Antibody (Center)(Cat. #AW5176). AW5176 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

ESRRG Antibody (Center) - Background





Tel: 858.875.1900 Fax: 858.875.1999

ESRRG is an orphan receptor that acts as transcription activator in the absence of bound ligand. This protein binds specifically to an estrogen response element and activates reporter genes controlled by estrogen response elements.

ESRRG Antibody (Center) - References

Chen F., Zhang Q., McDonald T.Gene 228:101-109(1999) Heard D.J., Norby P.L.Mol. Endocrinol. 14:382-392(2000) Hong H., Yang L., Stallcup M.R.J. Biol. Chem. 274:22618-22626(1999)