

**ESRRG Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7870c****Specification**

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**ESRRG Antibody (Center) Blocking Peptide - Product Information**Primary Accession [P62508](#)**ESRRG Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2104**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7870c](/products/AP7870c) was selected from the Center region of human ESRRG. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ESRRG Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **ESRRG Antibody (Center) Blocking Peptide - Images**

### **ESRRG Antibody (Center) Blocking Peptide - Background**

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) Blocking Peptide - 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)