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Esrra antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10331

Specification

Esrra antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	O08580
Other Accession	NM_007953, NP_031979
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Dog**
Predicted	**Human, Pig, Bovine, Guinea Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

Esrra antibody - C-terminal region - Additional Information

Gene ID 26379

Alias Symbol	**ERRalpha, Err1, Estrra, Nr3b1**

Other Names
Steroid hormone receptor ERR1, Estrogen receptor-like 1, Estrogen-related receptor alpha, ERR-alpha, Nuclear receptor subfamily 3 group B member 1, Esrra, Err1, Estrra, Nr3b1

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Esrra antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Esrra antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Esrra antibody - C-terminal region - Protein Information

Name Esrra

Synonyms Err1, Estrra, Nr3b1

Function
Binds to an ERR-alpha response element (ERRE) containing a single consensus half-site, 5'-TNAAGGTCA-3'. Can bind to the medium- chain acyl coenzyme A dehydrogenase (MCAD) response element NRRE-1 and may act as an important regulator of MCAD promoter. Binds to the C1 region of the lactoferrin gene promoter. Requires dimerization and the coactivator, PGC-1A, for full activity. The ERRalpha/PGC1alpha complex is a regulator of energy metabolism. Induces the

expression of PERM1 in the skeletal muscle (By similarity).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:P11474, ECO:0000255|PROSITE-ProRule:PRU00407}. Cytoplasm {ECO:0000250|UniProtKB:P11474}. Note=Co-localizes to the cytoplasm only in presence of MAPK15. {ECO:0000250|UniProtKB:P11474}

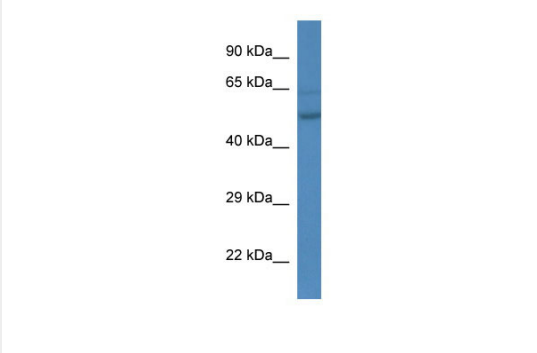
Tissue Location
Most highly expressed in kidney, heart, and brown adipocytes. Also found in uterus, cervix and vagina

Esrra antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Esrra antibody - C-terminal region - Images



WB Suggested Anti-Esrra Antibody
Titration: 1. µg/ml
Positive Control: Mouse liver