

Esrra antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10331

Product Information

Application	WB
Primary Accession	O08580
Other Accession	NM_007953 , NP_031979
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45464

Additional Information

Gene ID	26379
Alias Symbol Other Names	ERRalpha, Err1, Estrra, Nr3b1 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.

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

Images

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.