

ERR alpha Rabbit mAb

Catalog # AP79025

Product Information

Application	WB, FC, IP
Primary Accession	P11474
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ERR alpha
Purification	Affinity Chromatography
Calculated MW	45510

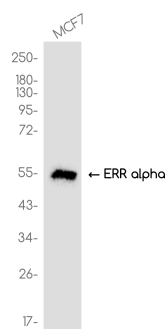
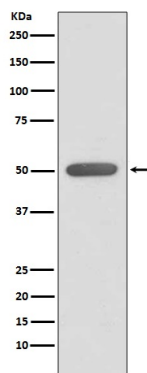
Additional Information

Gene ID	2101
Other Names	ESRRA
Dilution	WB~~1/500-1/1000 FC~~1:10~50 IP~~1/20
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	ESRRA
Synonyms	ERR1, ESRL1, 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.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00407, ECO:0000269 PubMed:18063693, ECO:0000269 PubMed:21190936}. Cytoplasm. Note=Co-localizes to the cytoplasm only in presence of MAPK15.

Images



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