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Recombinant Anti-DAX1 Rabbit mAb

Catalog # AP95148

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	P51843
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	51718

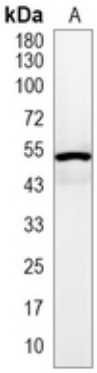
Additional Information

Gene ID	190
Other Names	AHC; DAX1; Nuclear receptor subfamily 0 group B member 1; DSS-AHC critical region on the X chromosome protein 1; Nuclear receptor DAX-1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human DAX1 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

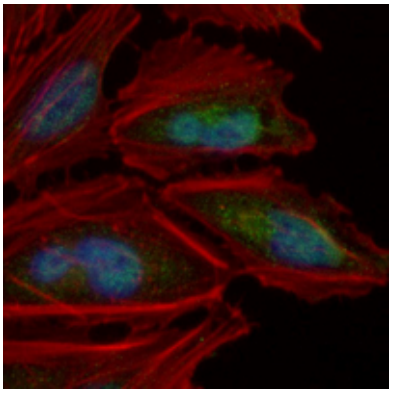
Protein Information

Name	NR0B1
Synonyms	AHC, DAX1 {ECO:0000303|PubMed:26416531}
Function	Nuclear receptor that lacks a DNA-binding domain and acts as a corepressor that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions (PubMed:12482977, PubMed:32433991). Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis (PubMed:7990953, PubMed:8675564). May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=Shuttles between the cytoplasm and nucleus. Homodimers exits in the cytoplasm and in the nucleus

Images



Western blot analysis of DAX1 expression in A431 (A) whole cell lysates. (Predicted band size: 52 kD; Observed band size: 52 kD)



Immunofluorescent analysis of DAX1 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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