

DATASHEET

DAX1 Rabbit Polyclonal Antibody

CAT. NO. APA13583

KEY FEATURES

Target	DAX1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
IF/ICC	1:10 - 1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to DAX1
Specificity	Recognizes endogenous levels of DAX1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DAX1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 43; Observed: 50 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	NR0B1
Entrez Gene	190(Human); 11614(Mouse); 58850(Rat)
SwissProt	P51843(Human); Q61066(Mouse); P70503(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

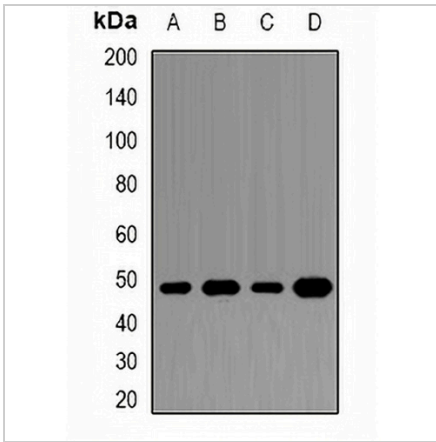
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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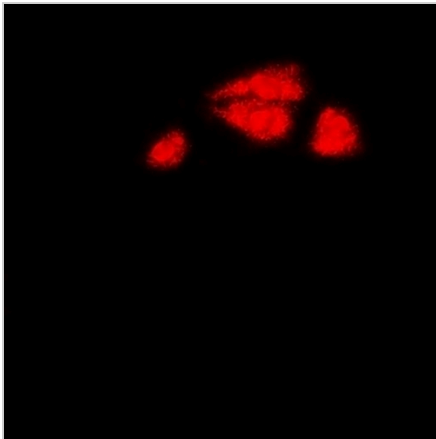
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Western blot analysis of DAX1 expression in Jurkat (A), MCF7 (B), HepG2 (C), mouse spleen (D) whole cell lysates. (Predicted band size: 43; 51 kD; Observed band size: 50 kD)



Immunofluorescent analysis of DAX1 staining in MCF7 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 humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.