

DATASHEET

SOX30 Rabbit Polyclonal Antibody

CAT. NO. APA14033

KEY FEATURES

Target	SOX30	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IHC, 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

Acts both as a transcriptional activator and a repressor . Binds to the DNA sequence 5'-ACAAT-3' and shows a preference for guanine residues surrounding this core motif . Binds to its own promoter and activates its own transcription . Required to activate the expression of postmeiotic genes involved in spermiogenesis . Binds to the promoter region of CTNNB1 and represses its transcription which leads to inhibition of Wnt signaling . Also inhibits Wnt signaling by binding to the CTNNB1 protein, preventing interaction of CTNNB1 with TCF7L2/TCF4 .

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
IHC	1:50 - 1:200
IF/ICC	1:50 - 1:200

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

PRODUCT OVERVIEW

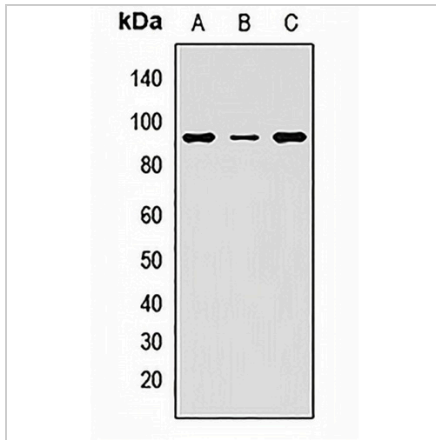
Description	Rabbit polyclonal antibody to SOX30
Specificity	Recognizes endogenous levels of SOX30 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SOX30
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 54; Observed: 90 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	Transcription factor SOX-30
Gene Symbol	SOX30
Entrez Gene	11063(Human); 214105(Mouse)
SwissProt	O94993(Human); Q8CGW4(Mouse)

*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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DATA

Western blot analysis of SOX30 expression in U87 (A), mouse brain (B), rat testis (C) whole cell lysates. (Predicted band size: 54; 81 kD; Observed band size: 90 kD)

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.