

DATASHEET

FOXP2 Rabbit Polyclonal Antibody

CAT. NO. APA12777

KEY FEATURES

Target	FOXP2	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	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

Transcriptional repressor that may play a role in the specification and differentiation of lung epithelium. May also play a role in developing neural, gastrointestinal and cardiovascular tissues. Can act with CTBP1 to synergistically repress transcription but CTBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. Involved in neural mechanisms mediating the development of speech and language.

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

PRODUCT OVERVIEW

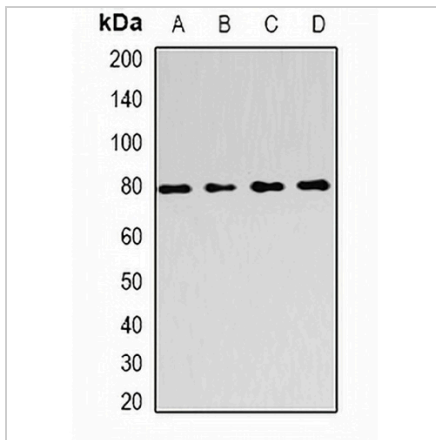
Description	Rabbit polyclonal antibody to FOXP2
Specificity	Recognizes endogenous levels of FOXP2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human FOXP2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 9-18; Observed: 80 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	CAGH44; TNRC10; Forkhead box protein P2; CAG repeat protein 44; Trinucleotide repeat-containing gene 10 protein
Gene Symbol	FOXP2
Entrez Gene	93986(Human); 114142(Mouse)
SwissProt	O15409(Human); P58463(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 FOXP2 expression in THP1 (A), HeLa (B), SHSY5Y (C), mouse liver (D) whole cell lysates. (Predicted band size: 9-18; 40- 48; 70- 82 kD; Observed band size: 80 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.