

Datasheet for ABIN2777345

anti-FOXP4 antibody (Middle Region)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	FOXP4
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Rabbit, Guinea Pig, Horse, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXP4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FOXP4
Sequence:	PRLSPQYSH QVQVKEEPAE AEEDRQPGPP LGAPNPSASG PPEDRDLEEE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against FOXP4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FOXP4
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Target Details

Alternative Name:	FOXP4 (FOXP4 Products)
Background:	<p>FOXP4 belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Many members of the forkhead box gene family, including members of subfamily P, have roles in mammalian oncogenesis. FOXP4 may play a role in the development of tumors of the kidney and larynx. This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Many members of the forkhead box gene family, including members of subfamily P, have roles in mammalian oncogenesis. This gene may play a role in the development of tumors of the kidney and larynx. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms.</p> <p>Alias Symbols: FLJ40908, FLJ44184, hFKHLA</p> <p>Protein Interaction Partner: SOX2, MKI67, SUMO2, UBC, FOXP1, FOXP4, FOXP2,</p> <p>Protein Size: 680</p>
Molecular Weight:	73 kDa
Gene ID:	116113
NCBI Accession:	NM_138457 , NP_612466
UniProt:	Q8IW55

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 680 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

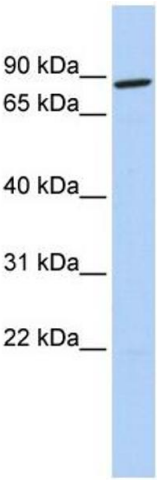
Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Timmusk, Merlot, Lövgren, Järvekülg, Berg, Fossum: "Regulator of G protein signalling 16 is a target for a porcine circovirus type 2 protein." in: The Journal of general virology , Vol. 90, Issue Pt 10, pp. 2425-36, (2009) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-FOXP4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 721_B cell lysate