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anti-FOXP2 antibody (Internal Region)



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Publication



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Overview

Quantity:	100 μg
Target:	FOXP2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FOXP2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	FOXP2 (internal)
Immunogen:	Peptide with sequence C-DEVEYQKRRSQKIT, from the internal region of the protein sequence according to NP_055306.1, NP_683696.2, NP_683697.2, NP_683698.2, NP_001166237.1.
Sequence:	DEVEYQKRRS QKIT
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform I (NP_055306.1), isoform II (NP_683696.2), isoform IV (NP_683698.2) and isoform V (NP_001166237.1).
Cross-Reactivity:	Cat, Cow, Dog, Human, Mouse, Pig, Rat, Zebrafish (Danio rerio)
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details	
Grade:	Verified
Target Details	
Target:	FOXP2
Alternative Name:	FOXP2 (FOXP2 Products)
Background:	FOXP2, forkhead box P2, CAGH44, DKFZp686H1726, SPCH1, TNRC10, CAG repeat protein 44, forkhead/winged-helix transcription factor, speech and language disorder 1, trinucleotide repeat containing 10
Gene ID:	93986, 114142
NCBI Accession:	NP_055306, NP_683696, NP_683697, NP_683698, NP_001166237
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Prostate and Placenta. Recommended concentration: 2.5 μg/mL. Western Blot: Preliminary testing showed an approx 90 kDa band in Human Cerebellum lysate and an approx 75 kDa band in Rat Brain lysate after 0.3 μg/mL staining. An additional band of unknown identity was also consistently observed at 28-30 kDa and was succ Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

-20 °C

Storage:

Handling

Storage Comment:

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:

Fujita, Morita, Furuichi, Sugihara: "Clustered fine compartmentalization of the mouse embryonic cerebellar cortex and its rearrangement into the postnatal striped configuration." in: **The**Journal of neuroscience: the official journal of the Society for Neuroscience, Vol. 32, Issue 45, pp. 15688-703, (2012) (PubMed).

Images



Image 1. ABIN334400 (0.3μg/ml) staining of Human Brain (Cerebellum) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.