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Datasheet for ABIN263146 anti-FOXP2 antibody (C-Term)

4 Images

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Overview

Quantity:	100 µg
Target:	FOXP2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FOXP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	FOXP2 (C terminus)
Immunogen:	Peptide with sequence C-REIEEEPLSEDLE, from the C Terminus of the protein sequence according to NP_055306.1, NP_683696.2, NP_683697.1.
Sequence:	REIEEEPLSE DLE
lsotype:	IgG
Specificity:	This antibody is expected to recognise all three reported isoforms (NP_055306.1, NP_683696.2, NP_683697.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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Product Details

Grade:

Verified

Target Details

Ianguage disorder 1, trinucleotide repeat containing 10, forkhead/winged-helix transcript factor, DKFZp686H1726, OTTHUMP00000196932Gene ID:93986NCBI Accession:NP_055306, NP_683696, NP_683697Application DetailsApplication Notes:Western Blot: Approx 80-90 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 82.6 kDa according to NP_683696.2). This molecular weight is routin observed by other sources. Recommended concentration: 0.5-2 µg/mL. Primary incuba Peptide ELISA: antibody detection limit dilution 1:128000.Restrictions:For Research Use onlyHandlingFormat:LiquidConcentration:0.5 mg/mLBuffer:Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine ser albumin.Preservative:Sodium azidePresution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE we should be handled by trained staff only.Handling Advice:Minimize freezing and thawing.		
Background: FOXP2, forkhead box P2, SPCH1, CAGH44, TNRC10, CAG repeat protein 44, speech and language disorder 1, trinucleotide repeat containing 10, forkhead/winged-helix transcrip factor, DKFZp686H1726, OTTHUMP0000196932 Gene ID: 93986 NCBI Accession: NP_055306, NP_683696, NP_683697 Application Details Kestern Blot: Approx 80-90 kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 82.6 kDa according to NP_683696.2). This molecular weight is routir observed by other sources. Recommended concentration: 0.5-2 µg/mL. Primary incuba Peptide ELISA: antibody detection limit dilution 1:128000. Restrictions: For Research Use only Handling 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 ser albumin. Preservative: Sodium azide Preservative: Sodium azide Preservative: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w/ should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. Storage: -20 °C Storage: -20 °C	Target:	FOXP2
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	Storage:	-20 °C
	Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerate at 4°C for a few weeks and still remain viable.

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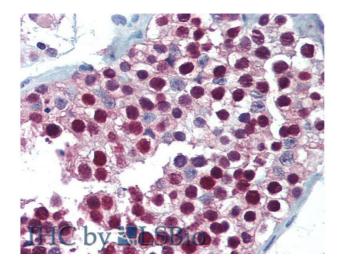
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Fujita, Sugihara: "FoxP2 expression in the cerebellum and inferior olive: development of the transverse stripe-shaped expression pattern in the mouse cerebellar cortex." in: **The Journal of comparative neurology**, Vol. 520, Issue 3, pp. 656-77, (2011) (PubMed).

Images



Immunohistochemistry

Image 1. ABIN263146 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.

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250kDa 150kDa 100kDa	Western Blotting
75kDa	Image 2. ABIN263146 (1µg/ml) staining of Huma
50kDa 37kDa	Cerebellum lysate (35µg protein in RIPA buffer).Detected b chemiluminescence.
25kDa 20kDa	
15kDa 250kDa	
150kDa 100kDa	Image 3. ABIN263146 (0.5µg/ml) staining of huma
75kDa 50kDa	cerebellum lysate (35µg protein in RIPA buffer). Primar
37kDa	incubation was 1 hour. Detected by chemiluminescence.
25kDa	
20kDa	

Please check the product details page for more images. Overall 4 images are available for ABIN263146.