antibodies - online.com







anti-FOXP2 antibody (AA 657-684)

Images

Publications



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peptide between 657-684 amino acids of human FOXP2. Clone: RB21207 Isotype: IgG Predicted Reactivity: Rat			
Binding Specificity: AA 657-684 Reactivity: Human, Mouse Host: Rabbit Clonality: Polyclonal Conjugate: This FOXP2 antibody is un-conjugated Application: Western Blotting (WB), Immunofluorescence (IF) Product Details Immunogen: This FOXP2 antibody is generated from rabbits immunized with a KLH conjugated syn peptide between 657-684 amino acids of human FOXP2. Clone: RB21207 Isotype: IgG Predicted Reactivity: Rat Purification: This antibody is purified through a protein A column, followed by peptide affinity purification:	Quantity:	400 μL	
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Target: FOXP2	Target Details		
	Target:	FOXP2	
Alternative Name: FOXP2 (FOXP2 Products)	Alternative Name:	FOXP2 (FOXP2 Products)	

Target Details

Expiry Date:

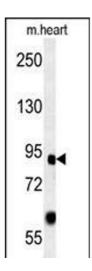
Background:	FOXP2 is a member of the forkhead/winged-helix (FOX) family of transcription factors. It is	
	expressed in fetal and adult brain as well as in several other organs such as the lung and gut.	
	The protein product contains a FOX DNA-binding domain and a large polyglutamine tract and is	
	an evolutionarily conserved transcription factor, which may bind directly to approximately 300	
	to 400 gene promoters in the human genome to regulate the expression of a variety of genes.	
	This gene is required for proper development of speech and language regions of the brain	
	during embryogenesis, and may be involved in a variety of biological pathways and cascades	
	that may ultimately influence language development. Mutations in this gene cause speech-	
	language disorder 1 (SPCH1), also known as autosomal dominant speech and language	
	disorder with orofacial dyspraxia. Multiple alternative transcripts encoding different isoforms	
	have been identified in this gene.	
Molecular Weight:	79919	
Gene ID:	93986	
NCBI Accession:	NP_001166237, NP_001166238, NP_055306, NP_683696, NP_683697, NP_683698	
UniProt:	015409	
Application Details		
Application Notes:	IF: 1:10~50. WB: 1:1000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small	
	aliquots to prevent freeze-thaw cycles.	

6 months

Product cited in:

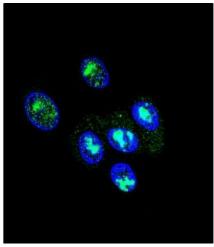
Xu, Han, Epstein, Liu: "Regulation of PDK mRNA by high fatty acid and glucose in pancreatic islets." in: **Biochemical and biophysical research communications**, Vol. 344, Issue 3, pp. 827-33, (2006) (PubMed).

Images



Western Blotting

Image 1. FOXP2 Antibody (C-term) (ABIN651939 and ABIN2840465) western blot analysis in mouse heart tissue lysates (15 μ g/lane). This demonstrates the FOXP2 antibody detected FOXP2 protein (arrow).



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of FOXP2 Antibody (C-term) (ABIN651939 and ABIN2840465) with HepG2 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).