Datasheet for ABIN1539974

anti-FOXP2 antibody (AA 657-684)

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1 Image

Overview

Quantity:	0.1 mL
Target:	FOXP2
Binding Specificity:	AA 657-684
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FOXP2 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 657-684 amino acids from human FOXP2.
Clone:	533CT26-1-2
Isotype:	IgM
Predicted Reactivity:	M, Rat
Purification:	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

Target Details

Target:	FOXP2
Alternative Name:	FOXP2 (FOXP2 Products)
Background:	This gene encodes a member of the forkhead/winged-helix (FOX) family of transcription

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Target Details

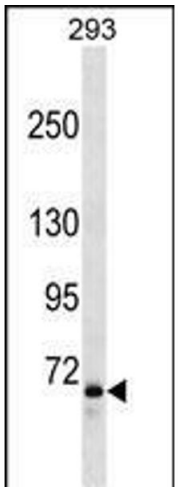
	factors. It is expressed in fetal and adult brain as well as in several other organs such as the lung and gut. The protein product contains a FOX DNA-binding domain and a large polyglutamine tract and is an evolutionarily conserved transcription factor, which may bind directly to approximately 300 to 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:	O15409

Application Details

Application Notes:	WB: 1:100~1600
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Mouse monoclonal antibody supplied in crude ascites 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:	FOXP2 Antibody(Ascites) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. FOXP2 Antibody (Ascites) ABIN1539974 western blot analysis in 293 cell line lysates (35 µg/lane).This demonstrates the FOXP2 antibody detected the FOXP2 protein (arrow).

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