

Datasheet for ABIN5542318
anti-FOXP2 antibody (AA 641-740)

5 Images

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Overview

Quantity:	0.1 mg
Target:	FOXP2
Binding Specificity:	AA 641-740
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FOXP2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human FOXP2 (AA: 641-740) expressed in E. coli.
Clone:	2G11B8
Isotype:	IgG1
Purification:	purified

Target Details

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

Target Details

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.,
Aliases: SPCH1, CAGH44, TNRC10

Molecular Weight:	80 kDa
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Gene ID:	93986
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HGNC:	93986
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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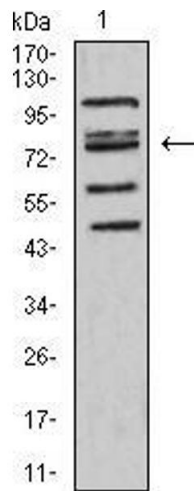
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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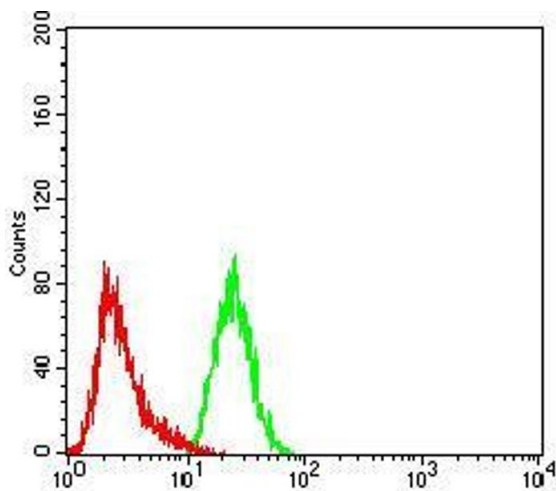
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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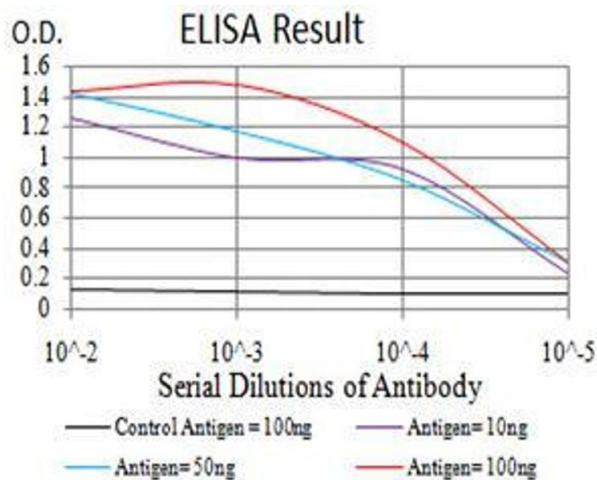
Western Blotting

Image 1. Western blot analysis using FOXP2 mouse mAb against HepG2 (1) cell lysate.



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using FOXP2 mouse mAb (green) and negative control (red).



ELISA

Image 3. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542318.