FOXP2 rabbit monoclonal antibody

Catalog # H00093986-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FOXP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human FOXP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FOXP2 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — FOXP2

Entrez GeneID	93986
GeneBank Accession#	FOXP2
Gene Name	FOXP2
Gene Alias	CAGH44, DKFZp686H1726, SPCH1, TNRC10
Gene Description	forkhead box P2
Omim ID	602081 605317
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an evolutionarily conserved transcription factor expressed in fetal and adult br ain. This transcription factor is a member of the forkhead/winged-helix (FOX) family of transcriptio n factors, and contains a FOX DNA-binding domain and a large polyglutamine tract. Members of t he FOX family of transcription factors are regulators of embryogenesis. The product of this gene i s thought to be required for proper development of speech and language regions of the brain duri ng embryogenesis. Although a point mutation in this gene has been associated with the KE pedig ree segregating developmental verbal dyspraxia, no association between mutations in this gene and another speech disorder, autism, has been found. Multiple alternative transcripts encoding dif ferent isoforms have been identified. [provided by RefSeq
Other Designations	CAG repeat protein 44|OTTHUMP00000067772|forkhead/winged-helix transcription factor|speec h and language disorder 1|trinucleotide repeat containing 10

Disease

- Articulation Disorders
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Cardiovascular Diseases
- Celiac Disease
- Cleft Lip
- Cleft Palate

- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hallucinations
- Language Development Disorders
- Language Disorders
- Mental Disorders
- NARP
- Obesity
- Psychiatric Status Rating Scales
- Schizophrenia