

Mouse anti-Human FoxP2 Monoclonal Antibody | anti-FoxP2 antibody

FoxP2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320076	Mouse	Human	ELISA, Western Blot

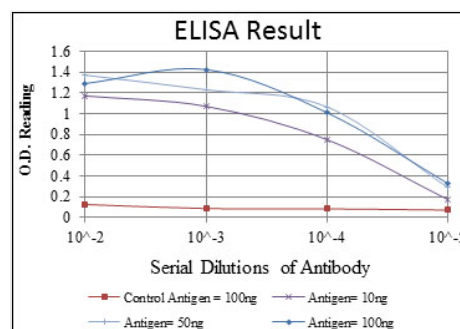
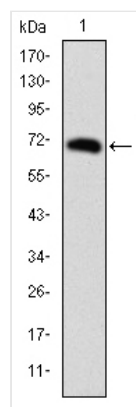
PRODUCT SYNONYMS

FoxP2; Monoclonal Antibody; FoxP2 Monoclonal Antibody; Forkhead box protein P2; FOXP2; CAGH44; TNRC10; CAG repeat protein 44; Trinucleotide repeat-containing gene 10 protein; anti-FoxP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	FoxP2 Monoclonal Antibody detects endogenous levels of FoxP2 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-FoxP2 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of human FoxP2 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)
Western Blot analysis using FoxP2 Monoclonal Antibody against recombinant protein.

Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-FoxP2 antibody	This gene encodes 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
Product Categories/Family for anti-FoxP2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	289666732
NCBI GeneID	93986
NCBI Accession #	NP_001166237.1
NCBI GenBank Nucleotide #	NM_001172766.2
UniProt Accession #	O15409; Q6ZND1; Q75MJ3; Q8IZE0; Q8N0W2; Q8N6B7; Q8N6B8; Q8NFQ1; A0AUV6; A4D0U8; A6NNW4; B4DLD9
Molecular Weight	81,840 Da
NCBI Official Full Name	forkhead box protein P2 isoform V
NCBI Official Synonym Full Names	forkhead box P2
NCBI Official Symbol	FOXP2
NCBI Official Synonym Symbols	SPCH1; CAGH44; TNRC10
NCBI Protein Information	forkhead box protein P2; CAG repeat protein 44; forkhead/winged-helix transcription factor; trinucleotide repeat containing 10; trinucleotide repeat-containing gene 10 protein
UniProt Protein Name	Forkhead box protein P2
UniProt Gene Name	FOXP2
UniProt Synonym Gene Names	CAGH44; TNRC10
UniProt Entry Name	FOXP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.