Product Datasheet

FOXP2 Antibody

Catalog No: #32969

Package Size: #32969-1 50ul #32969-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

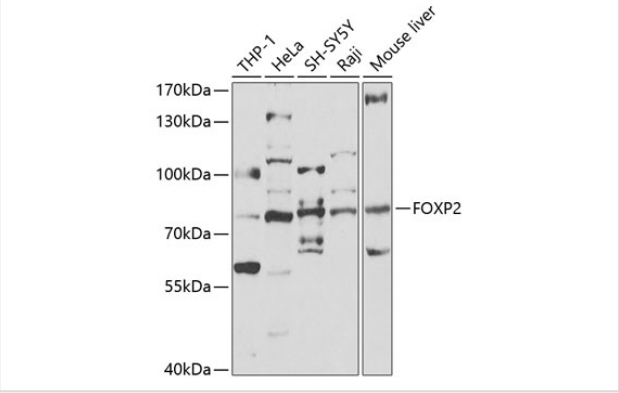
Description

Product Name	FOXP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total FOXP2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human FOXP2.
Target Name	FOXP2
Other Names	SPCH1; CAGH44; TNRC10;
Accession No.	Swiss-Prot:O15409NCBI Gene ID:93986
Uniprot	O15409
GeneID	93986;
SDS-PAGE MW	79KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using FOXP2 at 1:1000 dilution.

Background

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 have been identified in this gene.

Note: This product is for in vitro research use only