

Rabbit FOXP2 Polyclonal Antibody | anti-FOXP2 antibody

FOXP2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197649	Rabbit	Dog, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

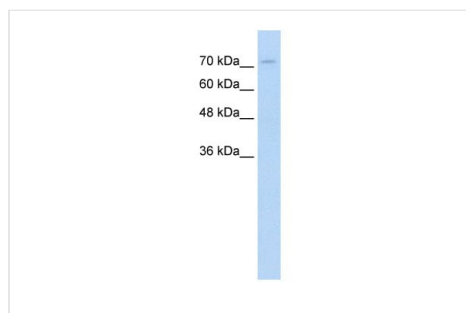
PRODUCT SYNONYMS

FOXP2; Polyclonal Antibody; FOXP2 antibody - N-terminal region; anti-FOXP2 antibody

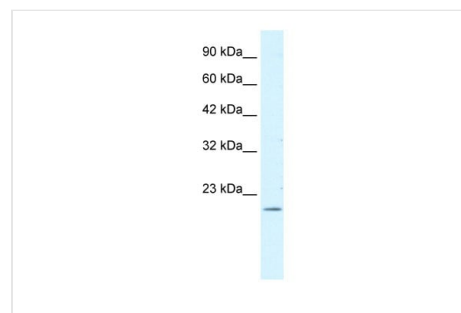
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Goat, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Specificity	isoform 4 and 5
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: SG LKSPKSSDKQ RPLQVPVSVA MMTPQVITPQ QMQQILQQQV LSPQQQLQA
Sequence Length	715
Applicable Applications for anti-FOXP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Goat: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FOXP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

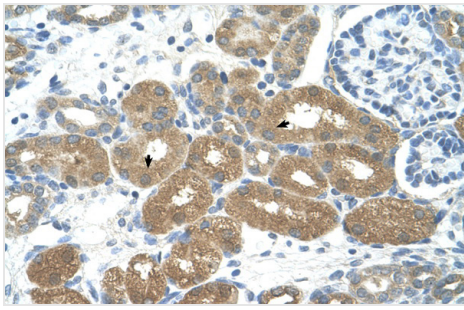
IMAGES


WB (Western Blot)

WB Suggested Anti-FOXP2 Antibody Titration: 0.5 µg/ml Positive Control: HepG2 cell lysate


WB (Western Blot)

WB Suggested Antibody Titration: 0.2-1 µg/ml Positive Control: HepG2



IHC (Immunohistochemistry)
 Rabbit Anti-FOXP2 Antibody
 Paraffin Embedded Tissue: Human Kidney
 Cellular Data:
 Epithelial cells of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-FOXP2 antibody	This is a rabbit polyclonal antibody against FOXP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: FOXP2 is an evolutionarily conserved transcription factor expressed in fetal and adult brain. This transcription factor is a member of the forkhead/winged-helix (FOX) family of transcription factors, and contains a FOX DNA-binding domain and a large polyglutamine tract. Members of the FOX family of transcription factors are regulators of embryogenesis. The product of this gene is thought to be required for proper development of speech and language regions of the brain during embryogenesis. Although a point mutation in this gene has been associated with the KE pedigree segregating developmental verbal dyspraxia, no association between mutations in this gene and another speech disorder, autism, has been found. Four alternative transcripts encoding three different isoforms have been identified.
Product Categories/Family for anti-FOXP2 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Growth Factors & Hormones ; Transcription Regulation ; Developmental Biology ; Disease Related ; DNA/RNA/Protein Interactions ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	17017963
NCBI GeneID	93986
NCBI Accession #	NP_055306
NCBI GenBank Nucleotide #	NM_014491
UniProt Accession #	O15409
Molecular Weight	80kDa
NCBI Official Full Name	forkhead box protein P2 isoform I
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
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.

