

# **FOXP2 Antibody (Internal)**

Goat Polyclonal Antibody Catalog # ALS13332

## **Specification**

# FOXP2 Antibody (Internal) - Product Information

Application IHC
Primary Accession 015409

Reactivity Human, Mouse, Rat, Rabbit, Hamster,

Monkey, Pig, Chicken, Horse, Bovine, Dog

Host Goat
Clonality Polyclonal
Calculated MW 80kDa KDa

# FOXP2 Antibody (Internal) - Additional Information

#### **Gene ID 93986**

#### **Other Names**

Forkhead box protein P2, CAG repeat protein 44, Trinucleotide repeat-containing gene 10 protein, FOXP2, CAGH44, TNRC10

# **Target/Specificity**

Human FOXP2. This antibody is expected to recognize isoform I (NP\_055306.1), isoform II (NP\_683696.2), isoform IV (NP\_683698.2) and isoform V (NP\_001166237.1).

## **Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

#### **Precautions**

FOXP2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

# FOXP2 Antibody (Internal) - Protein Information

### Name FOXP2

Synonyms CAGH44, TNRC10

### **Function**

Transcriptional repressor that may play a role in the specification and differentiation of lung epithelium. May also play a role in developing neural, gastrointestinal and cardiovascular tissues. Can act with CTBP1 to synergistically repress transcription but CTPBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. Involved in neural mechanisms mediating the development of speech and language.

### **Cellular Location**

Nucleus.



### **Tissue Location**

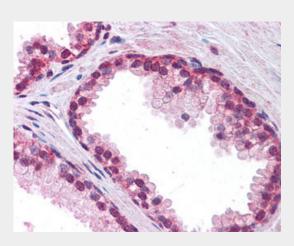
Isoform 1 and isoform 6 are expressed in adult and fetal brain, caudate nucleus and lung.

# FOXP2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# FOXP2 Antibody (Internal) - Images



Anti-FOXP2 antibody IHC of human prostate.

# FOXP2 Antibody (Internal) - Background

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# FOXP2 Antibody (Internal) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).