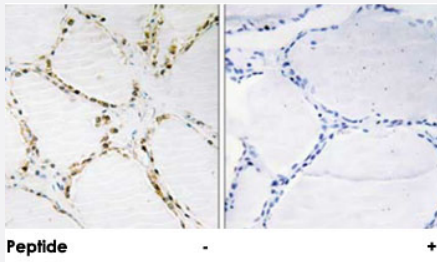


FOXO1 polyclonal antibody

Catalog # PAB18178 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using FOXO1 polyclonal antibody (Cat # PAB18178).

Peptide "+" means "peptide blocking".

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of FOXO1.

Immunogen A synthetic peptide corresponding to human FOXO1.

Host Rabbit

Reactivity Human, Mouse, Rat

Specificity This antibody is specific to FOXO1.

Form Liquid

Purification Affinity purification

Concentration 1 mg/mL

Recommend Usage Immunohistochemistry (1:50-1:100)
ELISA (1:10000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human thyroid gland tissue using FOXO1 polyclonal antibody (Cat # PAB18178).
Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FOXO1

Entrez GeneID[2308](#)**Protein Accession#**[Q12778](#)**Gene Name**

FOXO1

Gene Alias

FKH1, FKHR, FOXO1A

Gene Description

forkhead box O1

Omim ID[136533](#) [268220](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq]

Other Designations

OTTHUMP00000018301|forkhead box O1A (rhabdomyosarcoma)|forkhead homolog in rhabdomyosarcoma|forkhead, Drosophila, homolog of, in rhabdomyosarcoma

Pathway

- [Insulin signaling pathway](#)

- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Head and Neck Neoplasms](#)
- [NARP](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)