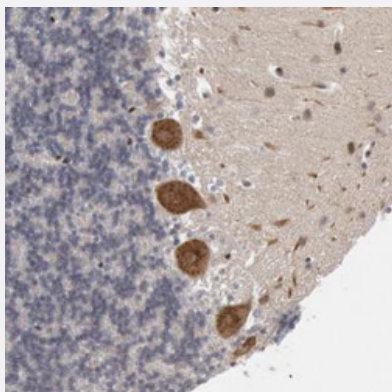


FOXO1 polyclonal antibody

Catalog # PAB28404 Size 100 uL

Applications



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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human cerebellum with FOXO1 polyclonal antibody (Cat # PAB28404) shows strong cytoplasmic positivity in Purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant FOXO1.
Immunogen	Recombinant protein corresponding to human FOXO1.
Sequence	LTSDSPPHNDIMTPVDPGVAQPNRSVLGQNVMMGPNSVMSTYGSQASHNKMMNPSSHTHPGH AQQTSAVNGRPLPHTVSTMPHTSGMNRLTQVKTPVQVPLPHPMQMSALGGYSSVSSCNGYGRM GLLHQEKLPDLDGMFIERLDCDM
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4 °C. For long term storage 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.

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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](#)