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Product datasheet for AP31191PU-N

FOXO1 (N-term) Rabbit Polyclonal Antibody

Product data:

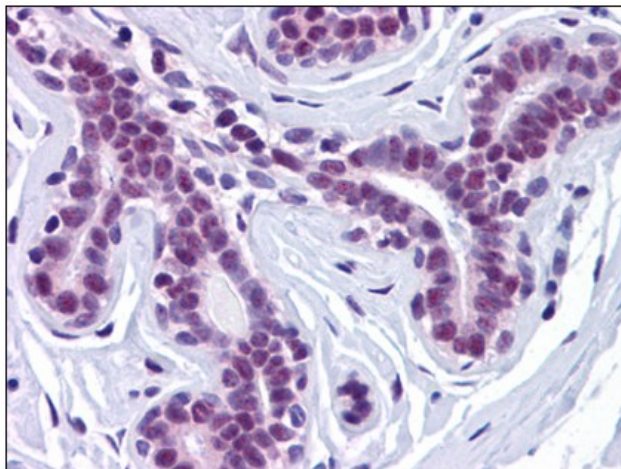|	
Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	**ELISA**. **Immunocytochemistry**. **Immunofluorescence:** 20 µg/ml. **Immunohistochemistry on Paraffin Sections:** 5 µg/ml. **Western Blot:** 1 - 2 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	15 amino acid peptide near the amino terminus of human FOXO1
Specificity:	This antibody reacts to the N-term of FOXO1.
Formulation:	PBS containing 0.02% sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	forkhead box O1
Database Link:	Entrez Gene 56458 Mouse Entrez Gene 84482 Rat Entrez Gene 2308 Human Q12778

Background: 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.
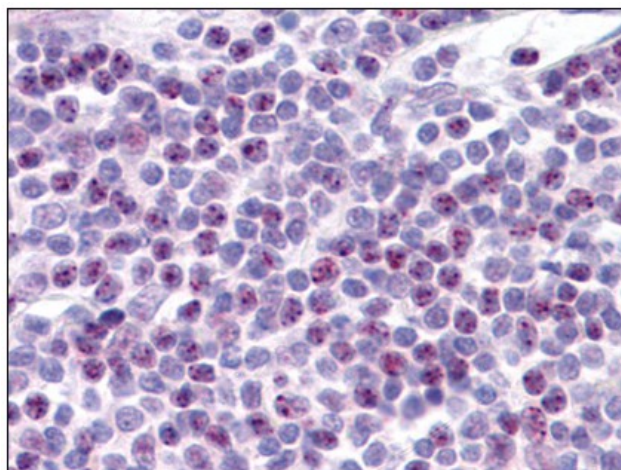
Synonyms: Forkhead Box Protein O1, FOXO1, FKHR

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Insulin signaling pathway, Pathways in cancer, Prostate cancer

Product images:

Human Breast: Formalin-Fixed, Paraffin-Embedded (FFPE)

Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)