

Product datasheet for **AP23030PU-N**

FOXO3 (661-673) Goat Polyclonal Antibody

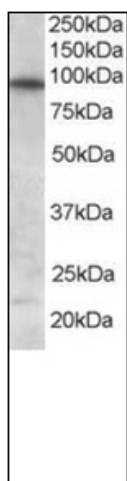
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/32000. Immunohistochemistry on Paraffin Sections: 2.5 µg/ml. Western Blot: 0.1 - 0.3 µg/ml.
Reactivity:	Human, Bovine, Bat, Canine, Chicken, Equine, Hamster, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from C Terminus of human FKHL1 / FOXO3A
Specificity:	This antibody detects FOXO3 / FKHL1 (C-term).
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to 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 O3
Database Link:	<u>Entrez Gene 56484 Mouse</u> <u>Entrez Gene 294515 Rat</u> <u>Entrez Gene 2309 Human</u> <u>O43524</u>

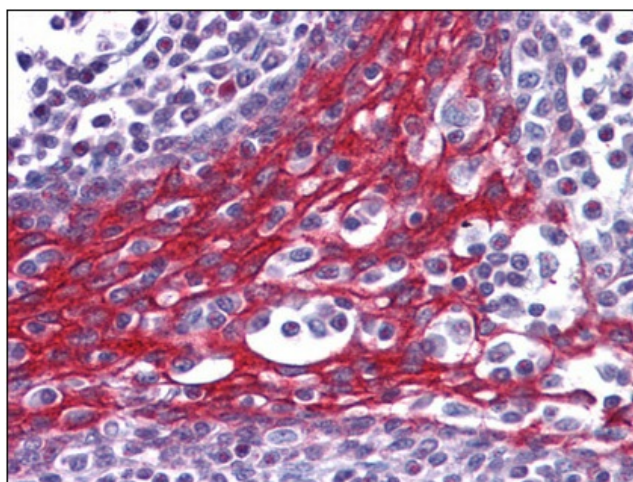


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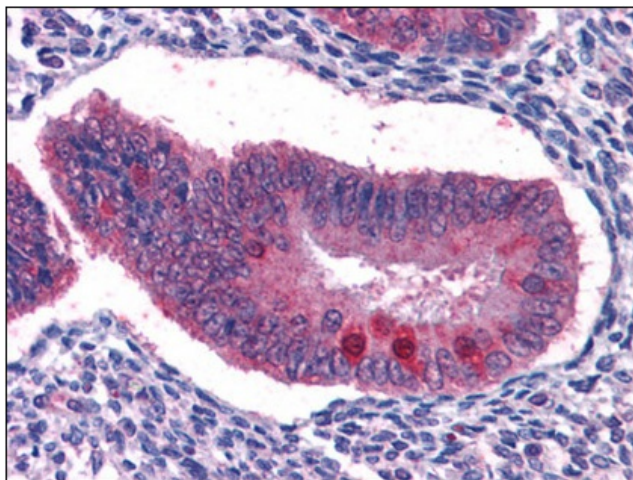
Background:	Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3' UTR of MYC transcript and prevent its translation.
Synonyms:	FOXO3A, AF6q21 protein
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Chemokine signaling pathway, Endometrial cancer, Neurotrophin signaling pathway, Non-small cell lung cancer

Product images:

Western Blot Image: Staining (0.5 ug/ml) of Human Brain lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected using chemiluminescence.



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



Immunohistochemistry Image: Human Uterus:
Formalin-Fixed, Paraffin-Embedded (FFPE)