

Datasheet for ABIN768735
anti-FOXO1 antibody (AA 373-422)



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2 Images

Overview

Quantity:	50 µg
Target:	FOXO1
Binding Specificity:	AA 373-422
Reactivity:	Human, Mouse, Rat, Cow, Pig, Monkey, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa373-422 of human FOXO1 (Q12778, NP_002006). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Bovine, Rabbit, Horse, Pig, Opossum (100%), Panda, Dog, Bat, Guinea pig, Platypus (92%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human FOXO1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Rabbit, Horse, Pig (100%) Dog, Guinea pig (92%).

Product Details

Purification: Immunoaffinity purified

Target Details

Target: FOXO1

Alternative Name: FOXO1 / FKHR ([FOXO1 Products](#))

Background: Name/Gene ID: FOXO1
Family: Transcription factor

Synonyms: FOXO1, FKHR, Forkhead in rhabdomyosarcoma, FOXO1A, FKH1, Forkhead box protein O1, Forkhead box protein O1A, Forkhead box O1, Forkhead box o1a, Forkhead domain protein fkhr

Gene ID: 2308

NCBI Accession: [NP_002006](#)

UniProt: [Q12778](#)

Pathways: [PI3K-Akt Signaling](#), [Cell Division Cycle](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Carbohydrate Metabolic Process](#), [CXCR4-mediated Signaling Events](#), [BCR Signaling](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB

Usage: ELISA titer using peptide based assay: 1:12500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

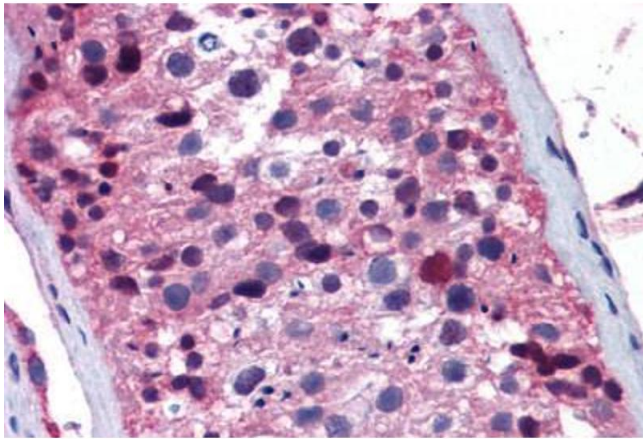
Format: Lyophilized

Reconstitution: Distilled Water.

Handling

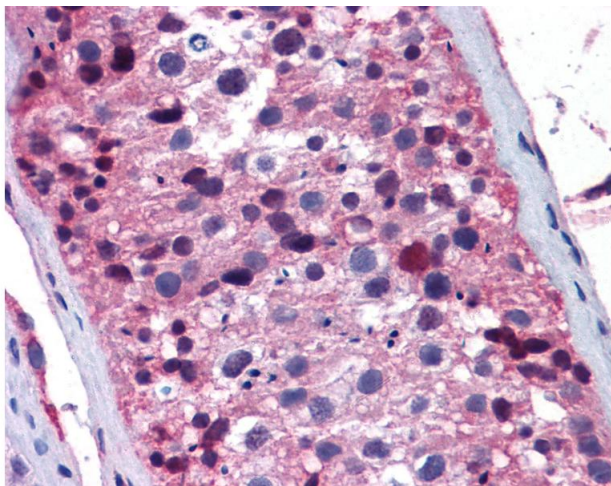
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-FOXO1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...