

Datasheet for ABIN6737667
anti-FOXO1 antibody (AA 568-617)



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Overview

Quantity:	100 µL
Target:	FOXO1
Binding Specificity:	AA 568-617
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Monkey, Horse, Rabbit, Guinea Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa568-617 of human FOXO1 (Q12778, NP_002006). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus (100%), Zebrafish (91%), Grape (90%), Turkey, Zebra finch, Chicken, Xenopus (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human FOXO1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%) Zebrafish (91%) Chicken (85%).
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: WB Usage: ELISA titer using peptide based assay: 1:62500. 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. Not recommended for: IHC-P
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled Water.
Concentration:	Lot specific

Handling

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

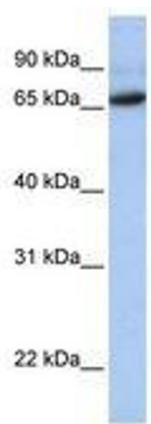


Image 1.