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Datasheet for ABIN4889143 **anti-FOXO antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	FOXO
Binding Specificity:	N-Term
Reactivity:	Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXO antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide derived from Nter domain of the Drosophila dFOXO protein.
Specificity:	Reacts with the Drosophila melanogaster dFOXO protein
Purification:	Purified (protein A)

Target Details

Target:	FOXO
Alternative Name:	Forkhead Box Protein O (dFOXO) (FOXO Products)
Background:	<p>Transcription factor involved in the regulation of the insulin signaling pathway. Consistently activates both the downstream target Thor/d4EBP and the feedback control target InR.</p> <p>Involved in negative regulation of the cell cycle, modulating cell growth and proliferation. In response to cellular stresses, such as nutrient deprivation or increased levels of reactive oxygen</p>

Target Details

	species, foxo is activated and inhibits growth through the action of target genes such as Thor.
Gene ID:	41709
UniProt:	Q95V55
Pathways:	Cellular Glucan Metabolic Process , Regulation of Cell Size

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only: WB(1:500 - 1:2000)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Must be reconstituted in distilled water.
Concentration:	1 mg/mL
Buffer:	Tris 0,1M, glycine 0,1M, sucrose 2 %
Storage:	4 °C/-20 °C
Storage Comment:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibodies at +4°C. For extended periods store in aliquots at -20°C. Antibodies are guaranteed for 6 month from date of receipt.
Expiry Date:	24 months