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## Datasheet for ABIN780412 anti-FOXO antibody (N-Term)

### Overview

Quantity:	100 µL
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.
Isotype:	IgG
Specificity:	Reacts with the Drosophila melanogaster dFOXO protein
Purification:	Antiserum

### Target Details

Target:	FOXO
Alternative Name:	Forkhead Box Protein O (dFOXO) ( <a href="#">FOXO Products</a> )
Background:	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.

## Target Details

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 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.

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