

**AP54942SU-N****Polyclonal Antibody to Forkhead box protein O (dFOXO) - Serum**

<b>Quantity:</b>	0.2 ml
<b>Background:</b>	Forkhead transcription factor FoxO controls various cellular processes involved in cell cycle, cell death, metabolism and oxidative stress. Recent studies have also suggested FoxO is a key molecule for lifespan regulation of various organisms. <i>Drosophila</i> has a single <i>FoxO</i> gene ( <i>dFoxO</i> ), inactivation of which is dispensable for survival. However, dFoxO appears to regulate resistance to oxidative stress and aging in <i>Drosophila</i> .
<b>Uniprot ID:</b>	<a href="#">Q95V55</a>
<b>NCBI:</b>	<a href="#">NP_001138054.1</a>
<b>GeneID:</b>	<a href="#">41709</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Synthetic peptide derived from N-terminal domain of the Drosophila dFOXO protein.
<b>Format:</b>	<b>State:</b> Lyophilized Serum <b>Preservatives:</b> None <b>Reconstitution:</b> Restore in 0.2 ml distilled water.
<b>Applications:</b>	<b>ELISA.</b> <b>Western Blot:</b> 1/500-1/2000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody reacts with the Drosophila melanogaster 67 kDa dFOXO protein
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: 6 months from despatch.