

Catalog Number:	NB100-1922SS
Background:	Tub-1 protein is C. elegans tubby homolog, required for normal sensory behavior. It is expressed in ciliated neurons and undergoes both ciliated and dendritic transport. It has been shown to be involved in regulating fat storage, most likely by modulating transport, sensing, or responding to signals in ciliated neurons. It has also been shown to play a role in regulating life span, but by a different mechanism than fat storage regulation.
Alternate Names:	anti-Tubby protein homolog 1 antibody
Research Areas:	27,119,0
Immunogen:	A recombinant Tubby protein (domain residues 160-421).
Localization:	Cytoplasmic
Species Reactivity:	NB 100-1922 can be used to detect C. elegans protein.
Uses:	<p>This antibody is useful for Western blot. The molecular weight of this protein as seen in Western blot is 48-50 kD. It can also be used for immunoprecipitation. No other applications have been tested.</p> <p>Suggested working dilutions: *</p> <p>Western Blot - 1:1,000</p> <p>*The investigator should determine the optimal dilution for a specific application. * Other applications have not been tested.</p>
Dilutions:	<p>Suggested working dilutions *</p> <p>Western Blot, immunoprecipitation</p> <p>* Investigator should determine optimal working dilutions.</p>
Packaging:	0.025 ml Whole antisera Rabbit antisera.
Preservative:	0.05% sodium azide
Storage:	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
General References:	1. Mukhopadhyay, A, et al. Cell Metab. 2: 35-42 (2005).

Image(s)