

Datasheet for 600-401-921**Ego1 Antibody****Overview**

Description:	Anti-Caenorhabditis elegans Ego1 (RABBIT) Antibody - 600-401-921
Item No.:	600-401-921
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	C. elegans
Host Species:	Rabbit

Product Details

Background:	Ego1 (also known as Enhancer of Glp-One (glp-1) family member (ego-1) and RNA-directed RNA polymerase related protein EGO-1) is a putative RNA-directed RNA polymerase with a role in germ-line development and RNA interference.
Synonyms:	rabbit anti-Ego1 Antibody, CELE_F26A3.3, confirmed by transcript, RNA-directed RNA polymerase related EGO-1, ego 1, F26A3.3, Enhancer of Glp-One, Glp-1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ego-1
Reactivity:	C. elegans
Immunogen Type:	Conjugated Peptide
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near amino acids 150-175 of C.elegans Ego 1 protein.

Purity/Specificity: This affinity-purified antibody is directed against C.elegans EGO-1 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification. A BLAST analysis was used to suggest that no cross reactivity should be expected against homologues from other sources.

Relevant Links:

- [NCBI - NP_492132.1](#)
- [UniProtKB - G5EBQ3](#)
- [GeneID - 172524](#)

Application Details

Tested Applications: ELISA, WB

Application Note: This affinity-purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 190 kDa in size corresponding to EGO-1 protein by western blotting in the appropriate cell lysate or extract.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: User Optimized

WB: 1µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: 0.01% (w/v) Sodium Azide

Stabilizer: None

Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.