



Datasheet for ABIN1573902

anti-E Tag antibody



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1 Publication

Overview

Quantity:	40 µg
Target:	E Tag
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E Tag antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	E epitope tag peptide GAPVPYPDPLEPR conjugated - KLH
Sequence:	GAPVPYDPL EPR
Isotype:	IgG
Specificity:	This Antibody recognizes C-terminal, N-terminal, and internal E tagged fusion proteins.
Purification:	Immunoaffinity chromatography

Target Details

Target:	E Tag
Alternative Name:	E-tag (E Tag Products)
Target Type:	Tag
Background:	Rabbit Anti-E-tag Polyclonal Antibody is supplied as a 40 µg aliquot at a concentration of 1

Target Details

mg/ml in PBS, pH 7.4, containing 0.02% sodium azide. It is purified by immunoaffinity chromatography.

Application Details

Application Notes: Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/mL

Western blot: 0.1-1.0 µg/mL
Western Blot Using ONE-HOUR Western™ Kit: For quick results, ONE-HOUR Western™ Complete Kit (Rabbit) is recommended. 10 µg of this antibody is mixed with 10 mL of WB solution for 8 cm X 8 cm membrane.
Other applications: user-optimized

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4, containing 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C/-20 °C

Storage Comment: The antibody is stable for 2-3 weeks if stored at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Publications

Product cited in:

Tanaka-Matakatsu, Miller, Du: "The homeodomain of Eyeless regulates cell growth and antagonizes the paired domain-dependent retinal differentiation function." in: **Protein & cell**, Vol. 6, Issue 1, pp. 68-78, (2015) ([PubMed](#)).

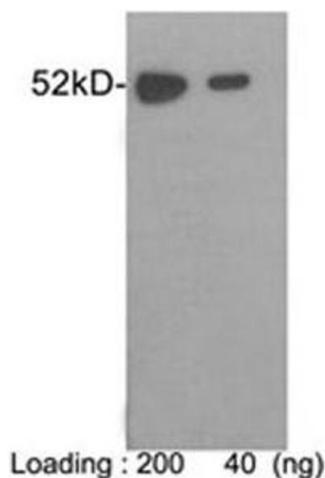
Cheng, Wang, Xu, Zhu, Hu, Huang: "Discovery of a novel small secreted protein family with conserved N-terminal IGY motif in Dikarya fungi." in: **BMC genomics**, Vol. 15, pp. 1151, (2015) ([PubMed](#)).

Ni, Wang, Zhang, Pang, Liu, Du: "PKD1 is downregulated in non-small cell lung cancer and mediates the feedback inhibition of mTORC1-S6K1 axis in response to phorbol ester." in: **The international journal of biochemistry & cell biology**, Vol. 60, pp. 34-42, (2015) ([PubMed](#)).

Land, Luo, Levin: "Functional domain analysis of the cell division inhibitor EzrA." in: **PLoS ONE**, Vol. 9, Issue 7, pp. e102616, (2014) ([PubMed](#)).

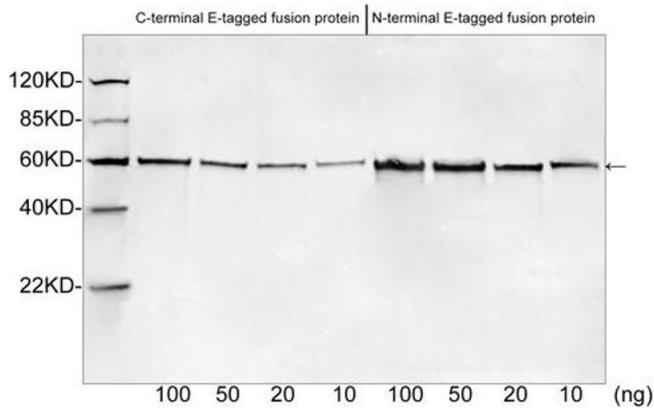
Chan, Seetharaman, Bagg, Selman, Zhang, Kim, Roy: "EVA-1 functions as an UNC-40 Co-receptor to enhance attraction to the MADD-4 guidance cue in *Caenorhabditis elegans*." in: **PLoS genetics**, Vol. 10, Issue 8, pp. e1004521, (2014) ([PubMed](#)).

Images



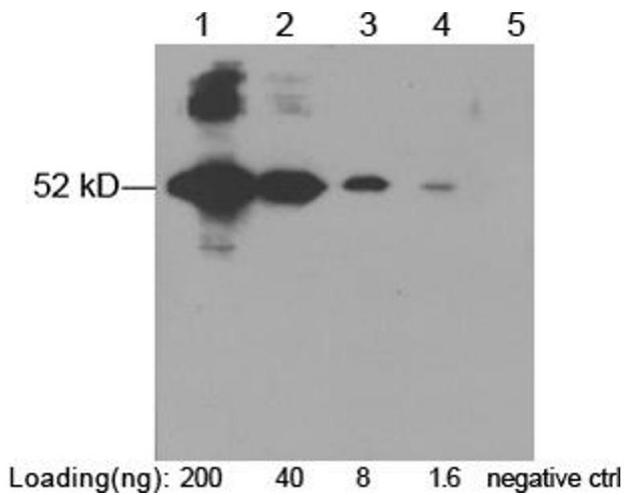
Western Blotting

Image 1. Western blot analysis of E-tag fusion protein using 1 µg/mL Rabbit Anti-E-tag Polyclonal Antibody (ABIN398457) The signal was developed with One-Step Western™ Complete Kit (Rabbit) (ABIN491509)



Western Blotting

Image 2. Western blot analysis of E tagged fusion proteins expressed in E. coli cell lysate using Rabbit Anti-E-tag Polyclonal Antibody (ABIN398457, 1 µg/mL) The signal was developed with IRDye™ 800 Conjugated Goat Anti-Rabbit IgG.



Western Blotting

Image 3. Lane 1-4: E-tag fusion protein in CHO cell lysate (~ 52 kD) Lane 5: Negative CHO cell lysate Primary Antibody: 1 µg/mL Rabbit Anti-E-tag Polyclonal Antibody (ABIN398457) Secondary Antibody: Goat Anti-Rabbit IgG (H&L) [HRP] Polyclonal Antibody (ABIN398323, 1: 10,000) The signal was developed with LumiSensor™ HRP Substrate Kit (ABIN769939)