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# anti-CHIA antibody (N-Term)

4 Images

Overview

Target:

2

CHIA

**Publications** 



Go to Product page

| OVEIVIEW              |  |
|-----------------------|--|
| Quantity:             | 100 μL   |
| Target:               | CHIA   |
| Binding Specificity:  | N-Term   |
| Reactivity:           | Human, Mouse, Rat, Cow, Dog, Horse, Pig, Zebrafish (Danio rerio), Guinea Pig   |
| Host:                 | Rabbit   |
| Clonality:            | Polyclonal   |
| Conjugate:            | This CHIA antibody is un-conjugated  |
| Application:          | Western Blotting (WB)  |
| Product Details       |  |
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human CHIA                                      |
| Sequence:             | MVSTPENRQT FITSVIKFLR QYEFDGLDFD WEYPGSRGSP PQDKHLFTVL   |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 100%, Pig: 93%, Rat: 100%, Zebrafish: 86%                |
| Characteristics:      | This is a rabbit polyclonal antibody against CHIA. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified  |
| Target Details        |  |

### **Target Details**

| Alternative Name: | CHIA (CHIA Products)  |
|-------------------|---|
| Background:       | CHIA belongs to the glycosyl hydrolase 18 family. Chitinase class II subfamily. It contains 1     |
|                   | chitin-binding type-2 domain. The protein degrades chitin and chitotriose. And it may participate |
|                   | in the defense against nematodes and other pathogens.   |
|                   | Alias Symbols: 2200003E03Rik, AMCase, CHIT2, DKFZp313J1722, RP5-1125M8.1, TSA1902,                |
|                   | AMCASE  |
|                   | Protein Size: 368   |
| Molecular Weight: | 40 kDa  |
| Gene ID:          | 27159   |
| NCBI Accession:   | NM_021797, NP_068569  |
| UniProt:          | Q9BZP6  |

## **Application Details**

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment:           | Antigen size: 368 AA   |
| Restrictions:      | For Research Use only  |

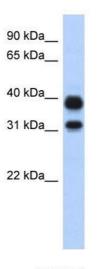
## Handling

| Format:            | Liquid  |
|--------------------|---|
| Concentration:     | Lot specific  |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                  |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.  |
| Storage:           | -20 °C  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Product cited in:

Storrs, Silverstein: "PATJ, a tight junction-associated PDZ protein, is a novel degradation target of high-risk human papillomavirus E6 and the alternatively spliced isoform 18 E6." in: **Journal of virology**, Vol. 81, Issue 8, pp. 4080-90, (2007) (PubMed).

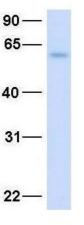
#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-CHIA Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T

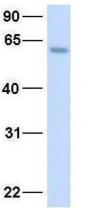




#### **Western Blotting**

Image 2. Host: Rabbit Target Name: CHIA Sample Type: Human Fetal Liver Antibody Dilution: 1.0ug/ml

## CHIA



#### **Western Blotting**

Image 3. Host: Rabbit Target Name: CHIA Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

| Please check the product details page for more images. Overall 4 images are available for ABIN2775494. |
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