

Datasheet for ABIN6746265  
**anti-BCAT1 antibody (C-Term)**



[Go to Product page](#)

1 Image

4 Publications

## Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µL                                |
| Target:              | BCAT1                                 |
| Binding Specificity: | C-Term                                |
| Reactivity:          | Human, Mouse, Rat, Monkey, Guinea Pig |
| Host:                | Rabbit                                |
| Clonality:           | Polyclonal                            |
| Conjugate:           | This BCAT1 antibody is un-conjugated  |
| Application:         | Western Blotting (WB)                 |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | Synthetic peptide from C-Terminus of mouse Bcat1 (Q8CBC8, NP_001019639). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Platypus (100%), Galago, Sheep, Dog, Bovine, Bat, Rabbit, Horse (92%), Opossum, Turkey, Chicken (85%), Rat (81%).<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:          | Mouse BCAT1   |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human (100%) Sheep, Dog, Bovine, Rabbit, Horse (92%)<br>Mouse, Chicken (85%) Rat (81%).   |
| Purification:         | Immunoaffinity purified   |

## Target Details

---

|                   |   |
|-------------------|---|
| Target:           | BCAT1   |
| Alternative Name: | BCAT1 / ECA39 ( <a href="#">BCAT1 Products</a> )  |
| Background:       | Name/Gene ID: BCAT1<br><br>Synonyms: BCAT1, BCAT(c), BCATC, ECA39, MECA39, BCT1, Placental protein 18, PNAS121, PP18, Protein ECA39 |
| Gene ID:          | 586   |
| NCBI Accession:   | <a href="#">NP_001019639</a>  |
| UniProt:          | <a href="#">P54687</a>  |

## Application Details

---

|                    |  |
|--------------------|--|
| Application Notes: | Approved: WB (0.2 - 1 µg/mL)<br><br>Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody. |
| Comment:           | Target Species of Antibody: Mouse  |
| Restrictions:      | For Research Use only  |

## Handling

---

|                  |   |
|------------------|---|
| Format:          | Lyophilized   |
| Reconstitution:  | Distilled water   |
| Concentration:   | Lot specific  |
| Buffer:          | Lyophilized from PBS with 2 % sucrose   |
| Handling Advice: | Avoid repeat freeze-thaw cycles.  |
| Storage:         | 4 °C, -20 °C  |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br><br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

## Publications

---

Product cited in:

Nakatani, Thompson, Barthel, Sakaue, Liu, Weigel, Roth: "Up-regulation of Akt3 in estrogen receptor-deficient breast cancers and androgen-independent prostate cancer lines." in: **The Journal of biological chemistry**, Vol. 274, Issue 31, pp. 21528-32, (1999) ([PubMed](#)).

Frech, Andjelkovic, Ingley, Reddy, Falck, Hemmings: "High affinity binding of inositol phosphates and phosphoinositides to the pleckstrin homology domain of RAC/protein kinase B and their influence on kinase activity." in: **The Journal of biological chemistry**, Vol. 272, Issue 13, pp. 8474-81, (1997) ([PubMed](#)).

Cross, Alessi, Cohen, Andjelkovich, Hemmings: "Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B." in: **Nature**, Vol. 378, Issue 6559, pp. 785-9, (1996) ([PubMed](#)).

Jones, Jakubowicz, Pitossi, Maurer, Hemmings: "Molecular cloning and identification of a serine/threonine protein kinase of the second-messenger subfamily." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 88, Issue 10, pp. 4171-5, (1991) ([PubMed](#)).

## Images

---

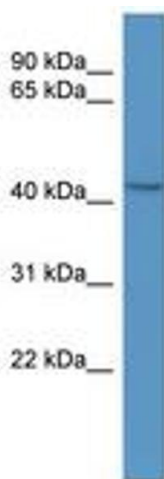


Image 1.