

# Product Datasheet

## Choline Kinase beta Antibody NBP1-28466

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-28466**

## Choline Kinase beta Antibody

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 mg   |
| Concentration       | 0.5 mg/ml  |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.               |
| Clonality           | Polyclonal   |
| Preservative        | 0.02% Sodium Azide                                     |
| Isotype             | IgG  |
| Purity              | Immunogen affinity purified                            |
| Buffer              | Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA |

| Product Description     |   |
|-------------------------|---|
| Description             | Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at <a href="mailto:innovators@novusbio.com">innovators@novusbio.com</a> for more details. |
| Host                    | Goat  |
| Gene ID                 | 1120  |
| Gene Symbol             | CHKB  |
| Species                 | Human, Canine   |
| Specificity/Sensitivity | This antibody is expected to recognize isoform a (NP_005189.2) only.  |
| Immunogen               | Peptide with sequence C-KGETLSQEEQRKLEED corresponding to internal region according to NP_005189.2.   |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Peptide ELISA   |
| Recommended Dilutions       | Peptide ELISA Detection limit 1:2000  |
| Application Notes           | WB: Preliminary experiments gave an approx. 38 kDa band in human skeletal muscle lysates after 1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 45.3 kDa band according to NP_005189.2. The 38 kDa band was successfully blocked by incubation with the immunizing peptide. |

**Publications**

Aoyama C, Liao H, Ishidate K. Structure and function of choline kinase isoforms in mammalian cells. *Prog Lipid Res* 2004-05-01 [PMID: 15003397]





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### **Products Related to NBP1-28466**

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|                 |  |
|-----------------|--|
| HAF017          | Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| HAF109          | Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)] |
| NB410-28088-1mg | Goat IgG Isotype Control   |
| NBP1-85632PEP   | Choline Kinase beta Recombinant Protein Antigen                        |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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