

Datasheet for ABIN392616
anti-TRPM6 antibody (AA 317-348)[Go to Product page](#)[2 Images](#)[3 Publications](#)

Overview

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| Quantity: | 400 µL |
| Target: | TRPM6 |
| Binding Specificity: | AA 317-348 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TRPM6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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| Immunogen: | This TRPM6 (CHAK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 317-348 amino acids from the Central region of human TRPM6 (CHAK2). |
| Clone: | RB3407 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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| Target: | TRPM6 |
| Alternative Name: | TRPM6 (CHAK2) (TRPM6 Products) |

Target Details

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| Background: | CHAK2 is a member of the ion channel proteins. It regulates the calcium concentration in cells, which is imperative for such functions as muscle contractions and neuronal firing. It is also upregulated in certain forms of cancer and could play a role in diabetes. |
| Molecular Weight: | 231708 |
| Gene ID: | 140803 |
| NCBI Accession: | NP_001170781 , NP_001170782 , NP_060132 |
| UniProt: | Q9BX84 |

Application Details

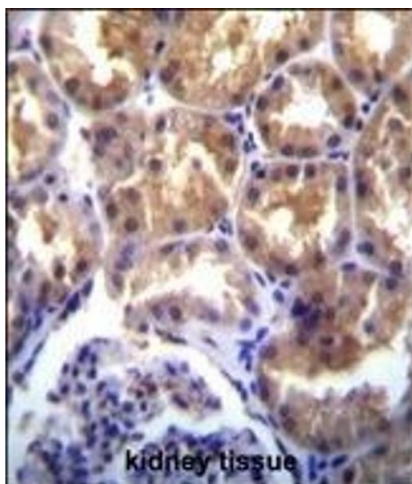
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|--------------------|----------------------------|
| Application Notes: | WB: 1:1000. IHC-P: 1:10~50 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |

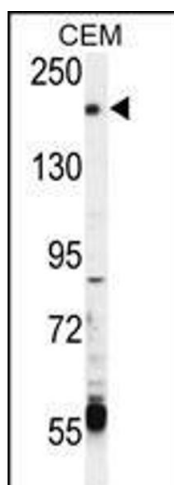
Publications

| | |
|-------------------|--|
| Product cited in: | Nasr, Mukhopadhyay, Zhang, Katzenstein: "Immunohistochemical markers in diagnosis of papillary thyroid carcinoma: Utility of HBME1 combined with CK19 immunostaining." in: Modern pathology : an official journal of the United States and Canadian Academy of Pathology, Inc , Vol. 19, Issue 12, pp. 1631-7, (2006) (PubMed). |
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TR(CHAK2) Antibody (Center) (ABIN392616 and ABIN2842133) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TR Antibody (CHAK2) (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. CHAK2 Antibody (ABIN392616 and ABIN2842133) western blot analysis in CEM cell line lysates (35 μ g/lane). This demonstrates the CHAK2 antibody detected the CHAK2 protein (arrow).