

Nur für Forschungszwecke

# CRTAC1 Monoklonaler Antikörper

Katalog-Nr.:68276-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 68276-1-Ig	<b>GenBank-Zugangsnummer:</b> BC034245	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von55118 Nanodrop;	<b>GeneID (NCBI):</b> 55118	<b>CloneNo.:</b> 2A11E2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> cartilage acidic protein 1	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 661 aa, 71 kDa	
<b>Immunogen Katalognummer:</b> AG32813	<b>Beobachtete Masse:</b> 71 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : Hausschwein-Hirngewebe, Kaninchen-Cerebellum-Gewebe, Kaninchenhirngewebe, Maushirngewebe, Rattenhirngewebe
<b>Getestete Reaktivität:</b> Hausschwein, Human, Kaninchen, Maus, Ratte	

## Hintergrundinformationen

CRTAC1 (cartilage acidic protein 1) is also named as ASPIC1 and CEP68. CRTAC1 is an extracellular matrix protein of human chondrogenic tissue. CRTAC1 promotes cell proliferation, migration and extracellular matrix regeneration and remodeling in primary human fibroblasts (PMID:32084494). CRTAC1 expression is decreased in tissue samples of bladder urothelial carcinoma (PMID:34818994). CRTAC1 overexpression promotes the pyroptosis of human lens epithelial cells by facilitating the reactive oxygen species (ROS) production in the formation of cataract (PMID:32838966). CRTAC1 was the most compelling and robust biomarker for osteoarthritis severity and progression (PMID:35924962).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

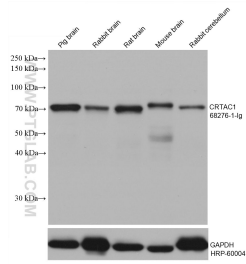
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 68276-1-Ig (CRTAC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.