

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse NAC1 in direct ELISAs.
Source	Monoclonal Rabbit IgG Clone # 1243A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse NAC1 Val457-Gln514 Accession # Q7TS78
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

NAC1 (Nucleus Accumbens-associated Protein 1) also known as NACC1, is a 527 amino acid (aa) BTB/POZ domain containing protein. Human NAC1 shares 86% and 85% aa sequence identity with mouse and rat NAC1, respectively. It has been shown to have a role in transcriptional regulation in both pluripotent stem cells and in the brain. Additionally, NAC1 expression is upregulated in many cancers and this expression has been suggested to correlate with increased aggressiveness in some cancers.

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