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## Datasheet for ABIN7451773 **anti-ERC1 antibody (AA 1000-1050)**

### Overview

Quantity:	20 µg
Target:	ERC1
Binding Specificity:	AA 1000-1050
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-ERC1 Antibody, Affinity Purified
Immunogen:	between AA 1000 and 1050
Isotype:	IgG
Predicted Reactivity:	Mouse
Purification:	Affinity Purified

### Target Details

Target:	ERC1
Alternative Name:	ERC1 ( <a href="#">ERC1 Products</a> )
Background:	Background: ERC1 (ELKS/RAB6-interacting/CAST family member 1) is a regulatory subunit of

## Target Details

the IkappaB kinase (IKK) complex. ERC1 probably recruits IkappaBalpha/NFKBIA to the IKK complex. ERC1 may be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release, and may also be involved in vesicle trafficking at the CAZ. ERC1 is also likely involved in Rab-6 regulated endosomes-to- Golgi transport [taken from the Universal Protein Resource (UniProt) Q8IUD2].

Gene ID: 23085

NCBI Accession: [NP\\_829884](#)

UniProt: [Q8IUD2](#)

Pathways: [SARS-CoV-2 Protein Interactome](#), [The Global Phosphorylation Landscape of SARS-CoV-2 Infection](#)

## Application Details

Application Notes: IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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

Expiry Date: 12 months