

Datasheet for ABIN1742314  
**anti-ERC2 antibody (AA 655-670)**[Go to Product page](#)**1** Image**3** Publications

## Overview

Quantity:	50 µg
Target:	ERC2
Binding Specificity:	AA 655-670
Reactivity:	Mouse, Rat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide CDIEDDSRMNPEFADRLK (aa 655-670 in rat ERC 2) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for ERC 2.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

## Target Details

Target:	ERC2
Alternative Name:	ERC 2 ( <a href="#">ERC2 Products</a> )
Background:	Synonyms: ELKS 2, CAST 1

## Application Details

Application Notes:	WB: 1 : 100 up to 1 : 2000 (AP staining) IP: not tested yet ICC: not recommended IHC: not recommended
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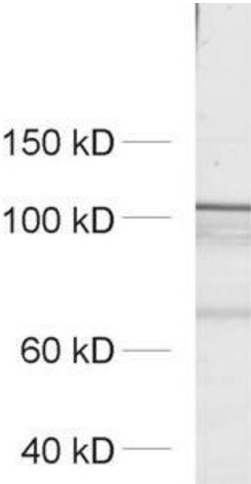
Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in TBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

## Publications

Product cited in:	Schildknecht, Karreman, Pörtl, Efrémova, Kullmann, Gutbier, Krug, Scholz, Gerding, Leist: "Generation of genetically-modified human differentiated cells for toxicological tests and the study of neurodegenerative diseases." in: <b>ALTEX</b> , Vol. 30, Issue 4, pp. 427-44, (2013) ( <a href="#">PubMed</a> ).
	Tong, Wong, Guttman, Ang, Forno, Shimadzu, Rajput, Muentner, Kish, Hornykiewicz, Furukawa: "Brain alpha-synuclein accumulation in multiple system atrophy, Parkinson's disease and progressive supranuclear palsy: a comparative investigation." in: <b>Brain : a journal of neurology</b> , Vol. 133, Issue Pt 1, pp. 172-88, (2010) ( <a href="#">PubMed</a> ).



Western Blotting

**Image 1.** dilution: 1 : 500, sample: crude synaptosomal fraction of rat brain (P2)