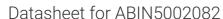
# antibodies -online.com





# anti-ERC2 antibody (AA 361-460) (Alexa Fluor 680)



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Quantity:	100 μL	
Target:	ERC2	
Binding Specificity:	AA 361-460	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ERC2 antibody is conjugated to Alexa Fluor 680	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human CAST1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

# **Target Details**

Target:	ERC2
Alternative Name:	ERC2/CAST1 (ERC2 Products)
Background:	Synonyms: Cast. CAST1, CAZ-associated structural protein 1, Cmbp gene name, Cytomatrix

protein p110, ERC protein 2, KIAA0378, ERC2\_HUMAN.

Background: ERCs (ERC1 and ERC2) also referred to as ELKS and CAST are related proteins which share an identical C-terminal sequence. They interact with the conserved RIM PDZ domain via an unusual PDZ binding motif. ERC2/CAST 1 is only expressed as a single RIM binding variant. All ERCs have been shown to interact with Rab6, a protein involved in membrane trafficking at the Golgi complex. The function of these proteins has not been determined yet. They may link Rab6 mediated non-neuronal membrane traffic at the Golgi complex to neuronal membrane traffic at the active zone executed via RIMs.

## **Application Details**

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

For Research Use only

### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.