


Product datasheet

Anti-ERC2 antibody ab27250

1 Image

Overview

Product name	Anti-ERC2 antibody
Description	Rabbit polyclonal to ERC2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Rat Predicted to work with: Mouse, Human 
Immunogen	Synthetic peptide corresponding to Rat ERC2 aa 650-750 conjugated to keyhole limpet haemocyanin. (Peptide available as ab27861)
Positive control	This antibody gave a positive signal in Rat brain tissue lysate.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 1% BSA, PBS Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.
Purity	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab27250 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

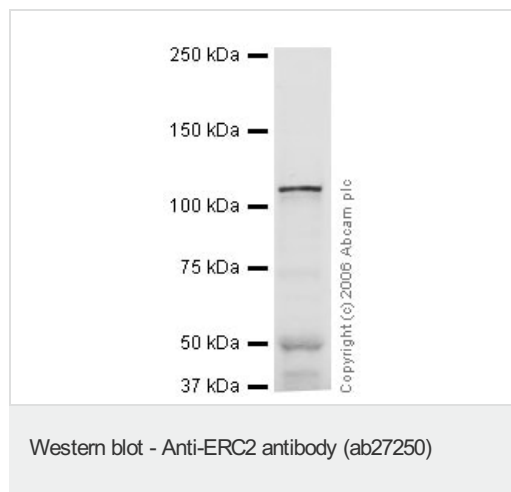
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 111 kDa.

Target

Function Thought to be involved in the organization of the cytomatrix at the nerve terminals active zone (CAZ) which regulates neurotransmitter release. Seems to act together with BSN. May recruit liprin-alpha proteins to the CAZ.

Cellular localization Cytoplasm. Cell junction > synapse. Cell junction > synapse > synaptosome. Cytoplasm > cytoskeleton. In neurons, localized to synapses, and colocalizes with PCLO. Localized to the active zone of presynaptic density.

Images



Anti-ERC2 antibody (ab27250) at 1 µg/ml + Rat Brain Whole Tissue Lysate at 20 µg

Secondary

Goat polyclonal to Rabbit IgG (Alexa Fluor® 680) at 1/10000 dilution

Performed under reducing conditions.

Predicted band size: 111 kDa

Observed band size: 111 kDa

Additional bands at: 50 kDa (possible non-specific secondary antibody binding)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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