

Datasheet for ABIN631411  
**anti-EPB41 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	EPB41
Binding Specificity:	N-Term
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPB41 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	EPB41 antibody was raised using the N terminal of EPB41 corresponding to a region with amino acids SESRGLSRLFSSFLKRPKSQVSEEEGKEVESDKEKGEGGQKEIEFGTSLD
Specificity:	EPB41 antibody was raised against the N terminal of EPB41
Purification:	Affinity purified

## Target Details

Target:	EPB41
Alternative Name:	EPB41 ( <a href="#">EPB41 Products</a> )
Background:	Elliptocytosis is a hematologic disorder characterized by elliptically shaped erythrocytes and a variable degree of hemolytic anemia. Inherited as an autosomal dominant, elliptocytosis results from mutation in any one of several genes encoding proteins of the red cell membrane

## Target Details

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skeleton. The form discussed here is the one found in the 1950s to be linked to Rh blood group and more recently shown to be caused by a defect in protein 4.1. 'Rh-unlinked' forms of elliptocytosis are caused by mutation in the alpha-spectrin gene, the beta-spectrin gene, or the band 3 gene.

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Molecular Weight: 85 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

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Comment: EPB41 Blocking Peptide, catalog no. 33R-8404, is also available for use as a blocking control in assays to test for specificity of this EPB41 antibody

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of EPB41 antibody in PBS

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Concentration: Lot specific

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Buffer: PBS

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Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** EPB41 antibody used at 1 ug/ml to detect target protein.