



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## EPB41 polyclonal antibody (A01)

Catalog # : H00002035-A01

規格 : [ 50 uL ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant EPB41.

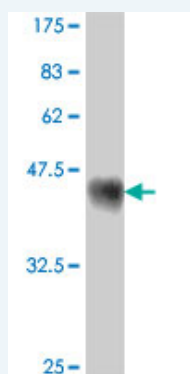
**Immunogen:** EPB41 (AAH39079, 116 a.a. ~ 225 a.a) partial recombinant protein with GST tag.

**Sequence:** IEFGTSLDEEIIKAPIAAPEPELKTDPDLHSLSSAETQPAQEELREDPD  
FEIKEGEGLEECISKIEVKEESPQSKAETELKASQKPIRKHHRNMHCKVSLLD  
DTVYECV

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 kDa) .

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Publication Reference

1. Freely turning over palmitate in erythrocyte membrane proteins is not responsible for the anchoring of lipid rafts to the spectrin skeleton: A study with bio-orthogonal chemical probes.  
Ciana A, Achilli C, Hannoush RN, Risso A, Minetti G. *Biochim Biophys Acta*. 2012 Dec 3. pii: S0005-2736(12) 00420-8. doi: 10.1016/ j.bbame.2012. 11.029
2. On the association of lipid rafts to the spectrin skeleton in human erythrocytes.  
Ciana A, Achilli C, Balduini C, Minetti G. *Biochim Biophys Acta*. 2010 Aug 28. [Epub ahead of print]

### Applications

Western Blot (Recombinant protein)

### Application Image

Western Blot (Recombinant protein)

ELISA

---

**ELISA**

---

**Gene Information**

---

**Entrez GeneID:** [2035](#)**GeneBank  
Accession#:** [BC039079](#)**Protein  
Accession#:** [AAH39079](#)**Gene Name:** EPB41**Gene Alias:** 4.1R,EL1,HE**Gene  
Description:** erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)**Omim ID:** [130500](#)**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** 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 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 (MIM 182860), the beta-spectrin gene (MIM 182870), or the band 3 gene (MIM 109270).[supplied by OMIM]

**Other  
Designations:** OTTHUMP00000003772,OTTHUMP00000003773,OTTHUMP00000003774,erythrocyte surface protein band 4.1**Gene Pathway**

---

[Tight junction](#)