

4.1R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00033
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human EPB41. AA range:626-675
Mol wt	97017
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	4.1R Antibody
Synonyms	EPB41; E41P; Protein 4.1; P4.1; 4.1R; Band 4.1; EPB4.1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The erythrocyte membrane protein band 4, encoded by EPB41, together with spectrin and actin, constitute the red cell membrane cytoskeletal network. This complex plays a critical role in erythrocyte shape and deformability. Mutations in this gene are associated with type 1 elliptocytosis (EL1). Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

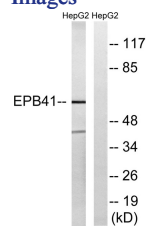
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HepG2 cells treated with PMA 125ng/ml 30', using EPB41 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year