

EPB42 Polyclonal antibody

Catalog Number: 27443-1-AP

Basic Information

Catalog Number:

27443-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23556

GenBank Accession Number:

BC096093

GeneID (NCBI):

2038

UNIPROT ID:

P16452

Full Name:

erythrocyte membrane protein band

4.2

Observed MW:

72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human placenta tissue,

Background Information

EPB42, also known as Protein 4.2, is amongst the most abundant protein components of the erythrocyte membrane, representing approximately 5% membrane content or $\sim 2.5 \times 10^5$ copies/cell. EPB42 binds to the cytoplasmic domain of band 3, which serves as a site for the anchorage of several membrane skeletal proteins (PMID: 19269200, 12049649). EPB42 is a 72 kDa peripheral membrane protein.

Storage

Storage:

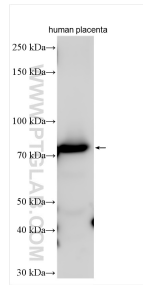
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27443-1-AP (EPB42 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.