


Product datasheet

Anti-EPB42 antibody ab105076

1 图像

概述

产品名称	Anti-EPB42抗体
描述	兔多克隆抗体to EPB42
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Cow, Cat, Dog 
免疫原	Synthetic peptide corresponding to a region within internal sequence amino acids 448-497 (ISTKGVGSDR CEDITQNYKY PEGSLQEKEV LERVEKEKME REKDNGIRPP) of Human EPB42 (NP_000110). Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Fetal liver lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	Preservative: None Constituents: 2% Sucrose, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab105076** in the following tested applications.

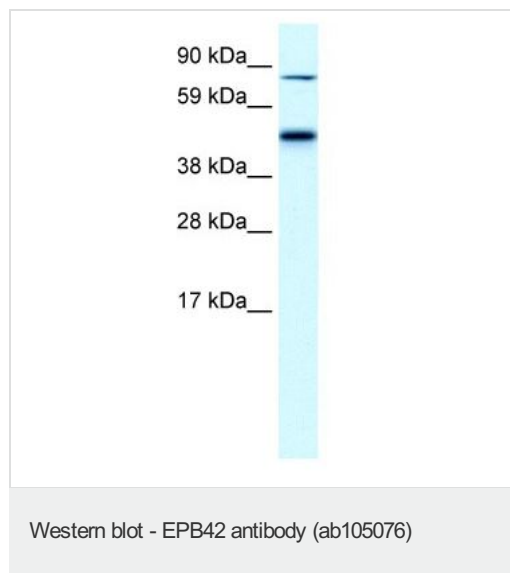
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		Use a concentration of 0.5 µg/ml. Predicted molecular weight: 80 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

靶标

功能	Probably plays an important role in the regulation of erythrocyte shape and mechanical properties.
疾病相关	Defects in EPB42 are the cause of spherocytosis type 5 (SPH5) [MIM:612690]; also known as hereditary spherocytosis type 5 (HS5). Spherocytosis is a hematologic disorder leading to chronic hemolytic anemia and characterized by numerous abnormally shaped erythrocytes which are generally spheroidal. Absence of band 4.2 associated with spur or target erythrocytes has also been reported.
序列相似性	Belongs to the transglutaminase superfamily. Transglutaminase family.
翻译后修饰	Both cAMP-dependent kinase (CAPK) and another kinase present in the red-blood cells seem to be able to phosphorylate EPB42.
细胞定位	Cell membrane. Cytoplasm > cytoskeleton. Cytoplasmic surface of erythrocyte membranes.

图片



Anti-EPB42 antibody (ab105076) at 5 µg/ml +
Human fetal liver lysate at 10 µg

Predicted band size: 80 kDa

12% gel

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