

Datasheet for ABIN453641  
**anti-Espin antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.4 mL
Target:	Espin (ESPN)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the N-terminal region of human ESPN
Specificity:	This antibody reacts to ESPN.
Purification:	Affinity chromatography on Protein A

## Target Details

Target:	Espin (ESPN)
Alternative Name:	Espin ( <a href="#">ESPN Products</a> )
Background:	ESPN is a multifunctional actin-bundling protein. It plays a major role in regulating the organization, dimensions, dynamics, and signaling capacities of the actin filament-rich, microvillus-type specializations that mediate sensory transduction in various mechanosensory and chemosensory cells. Synonyms: Autosomal recessive deafness type 36 protein, DFNB36, ESPN, Ectoplasmic specialization protein, LP2654

## Target Details

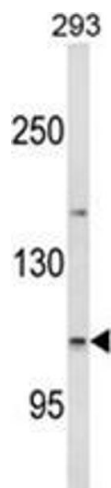
Gene ID:	83715
NCBI Accession:	<a href="#">NP_113663</a>
UniProt:	<a href="#">B1AK53</a>
Pathways:	<a href="#">Sensory Perception of Sound</a>

## Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Western Blotting

**Image 1.** Western blot analysis of ESPN Antibody (N-term) in 293 cell line lysates (35ug/lane). ESPN (arrow) was detected using the purified Pab.