

Rabbit ESPN Polyclonal Antibody | anti-ESPN antibody

ESPN Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284174	Rabbit	Human (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

ESPN; Polyclonal Antibody; ESPN Antibody (N-term); Espin; Autosomal recessive deafness type 36 protein; Ectoplasmic specialization protein; DFNB36; anti-ESPN antibody

PRODUCT SPECIFICATIONS

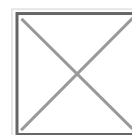
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ESPN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human ESPN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	17-45
Sequence Length	854
Applicable Applications for anti-ESPN antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

ESPN Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with ESPN Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-ESPN antibody	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.
Product Categories/Family for anti-ESPN antibody	Neuroscience; Signal Transduction
References	Boulouiz,R., et.al., Am. J. Med. Genet. A 146A (23), 3086-3089 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110431370
NCBI GeneID	83715
NCBI Accession #	NP_113663.2
NCBI GenBank Nucleotide #	NM_031475.2
UniProt Accession #	B1AK53; Q6XYB2; Q9H0A2; Q9Y329
Molecular Weight	91733
NCBI Official Full Name	espin
NCBI Official Synonym Full Names	espin
NCBI Official Symbol	ESPN
NCBI Official Synonym Symbols	DFNB36; LP2654
NCBI Protein Information	espin
UniProt Protein Name	Espin
UniProt Gene Name	ESPN
UniProt Synonym Gene Names	DFNB36
UniProt Entry Name	ESPN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/espn-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284174>