

# ESPN Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Avian
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human ESPN
Form	Liquid
Concentration	0.2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2641126

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:500-1:1,000	1 Publication

## Product Specific Information

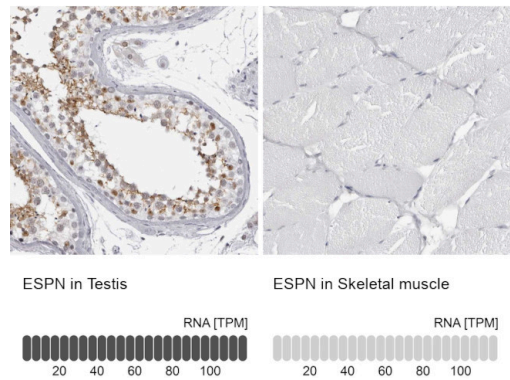
Immunogen sequence: SMPAWRRDLL RKKLEEEREQ KRKEEERQKQ EELRREKEQS EKLRTLGYDE SKLAPWQRQV ILKK

Highest antigen sequence identity to the following orthologs: Mouse - 89%, Rat - 89%.

Product Images For ESPN Polyclonal Antibody

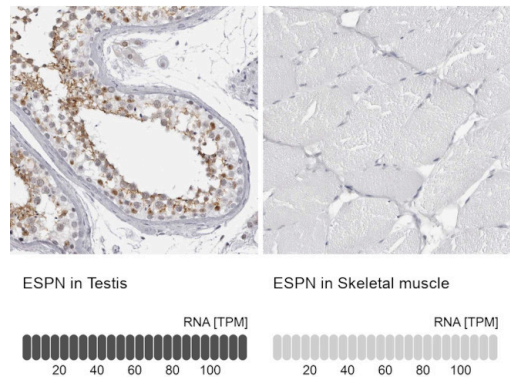
ESPN Antibody (PA5-55941) in IHC

Immunohistochemical staining of ESPN in human testis and skeletal muscle tissues using ESPN Polyclonal Antibody (Product # PA5-55941). Corresponding ESPN RNA-seq data are presented for the same tissues.



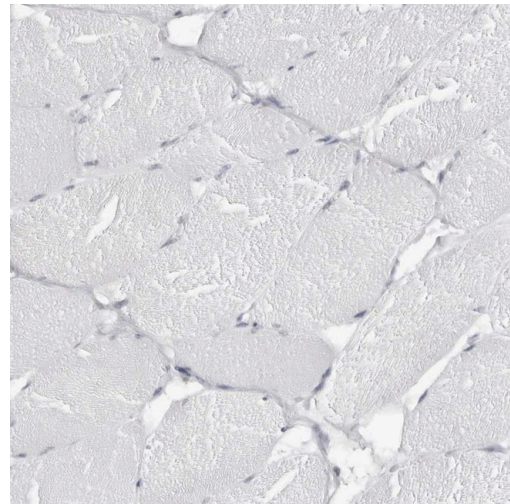
ESPN Antibody (PA5-55941)

Relative expression in different tissues in IHC: Detection of differential expression levels of ESPN demonstrates antibody specificity. Immunohistochemical analysis of ESPN using anti-ESPN Polyclonal Antibody (Product # PA5-55941), shows significant staining of ESPN in human testis and shows minimal or weak staining in human skeletal muscle tissues. The relative expression levels of ESPN within each tissue is shown using RNA-Seq. {RE}



ESPN Antibody (PA5-55941) in IHC

Immunohistochemical staining of ESPN in human skeletal muscle using ESPN Polyclonal Antibody (Product # PA5-55941) shows low expression as expected.



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Immunohistochemistry (1)

eNeuro	Year 2022
Molecular Markers of Mechanosensation in Glycinergic Neurons in the Avian Lumbosacral Spinal Cord.	Species Avian
"PA5-55941 was used in Immunohistochemistry to suggest the LSO may be a modification and elaboration of a preexisting mechanosensory spinal network in vertebrates."	Dilution 1:200
Authors: Stanchak KE,Miller KE,Lumsden EW,Shikiar D,Davis C,Brunton BW,Perkel DJ	

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