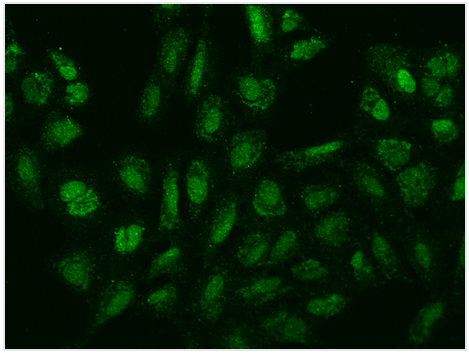
SPIN4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SPIN4, Polyclonal Antibody
Full Product Name	Anti-SPIN4 Antibody, Rabbit Polyclonal
Product Gene Name	anti-SPIN4 antibody
Product Synonym Names	SPIN4 Antibody, Rabbit PAb, Antigen Affinity Purified; Anti-TDRD28 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human SPIN4
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Immunogen	E Coli-derived Human SPIN4 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SPIN4 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-SPIN4 antibody	Immunocytochemistry (ICC), Immunofluorescence (IF)
Application Notes for anti-SPIN4 antibody	ICC/IF: 1:50-1:200
Related Product Information for anti-SPIN4 antibody	SPIN4 (Spindlin Family Member 4) is located on human chromosome Xq11.1. SPIN4 exhibits H3K4me3-binding activity. The SPIN4 (also known as TDRD28, FLJ44984) gene is conserved in chimpanzee, dog, cow, mouse, and rat. 104 organisms have orthologs with human gene SPIN4. SPIN4 is associated with some diseases, including Hyperekplexia and Patent Foramen Ovale. An important paralog of this gene is SPIN1.
Product References and Citations for anti-SPIN4 antibody	Bae N, et al. (2017) A transcriptional coregulator, spin-doc, attenuates the coactivator activity of spindlin1. J Biol Chem 292 (51): 20808-20817.
Other Notes	Small volumes of anti-SPIN4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SPIN4 purchase	MBS8108875 is an antibody targeting SPIN4. Also known as Anti-SPIN4 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Immunofluorescence (IF) of anti-SPIN4 antibody
Immunofluorescence staining of SPIN4 in U2OS cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human SPIN4 polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and cytoplasm.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SPIN4. It may not necessarily be applicable to this product.

Protein Family	Spindlin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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