

Product datasheet for **SP2172P**

TRIAD3 (RNF216) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western blot (0.5 - 1.0 µg/ml, detects a band of approximately 95 kDa in mouse heart cell lysates). Immunohistochemistry on paraffin sections.
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A 15 amino acid peptide located near mouse TRIAD3A amino-terminus
Specificity:	This antibody recognises an epitope within the N-terminal region (NT) of TRIAD3A.
Formulation:	Phosphate buffered saline, 0.02 % Sodium Azide State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Ion exchange chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: one year from despatch.
Gene Name:	ring finger protein 216
Database Link:	Q9NWF9



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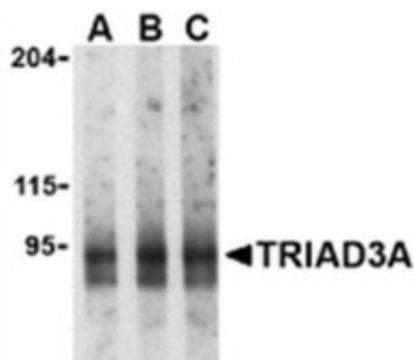
Background:

TRIAD3A is a ubiquitously expressed E3 ubiquitin-protein ligase which plays an important role in the innate immune response.

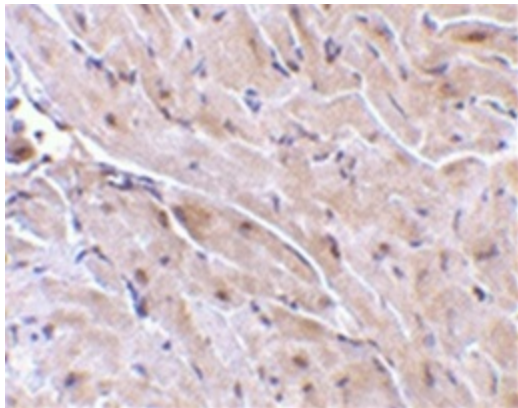
Regulation of the level and duration of Toll-like receptor (TLR) activation is vital in controlling a pro-inflammatory response, to prevent harm to the host. Several proteins involved in the regulation of TLR signaling have been described including ST2 and IL-1R-associated kinase M, along with many other adaptor proteins of the MyD88 family, which mediate TLR signal transduction. TRIAD3A, identified as a RING finger member of the E3 ligase family of proteins, binds to the cytoplasmic tail of several TLRs, notably TLR4 and TLR9, resulting in ubiquitination and proteolytic degradation, thereby regulating their expression. TRIAD3A does not appear to regulate the expression of TLR2.

Synonyms:

RING finger protein 216, TRIAD3, UBCE7IP1, ZIN

Product images:


Western blot analysis of mouse heart lysate probed with Rabbit anti Mouse TRIAD3A at 0.5 (A), 1 (B) and 2 (C) ug/ml



Formalin fixed, paraffin embedded mouse heart stained with Rabbit anti Mouse TRIAD3A following antigen retrieval using sodium citrate buffer (pH6.0)