

**Product Name:** 14-3-3 sigma (5P11) Rabbit Monoclonal Antibody  
**Catalog #:** AMRe06276

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## Summary

<b>Production Name</b>	14-3-3 sigma (5P11) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	SFN
<b>Alternative Names</b>	14 3 3 protein; Epithelial cell marker protein 1; HME 1; Mkkn3; Mm1; SFN protein; Stratifin; YWHAS;
<b>Gene ID</b>	2810.0
<b>SwissProt ID</b>	P31947.

## Application

<b>Dilution Ratio</b>	WB 1:1000-1:2000
<b>Molecular Weight</b>	28kDa

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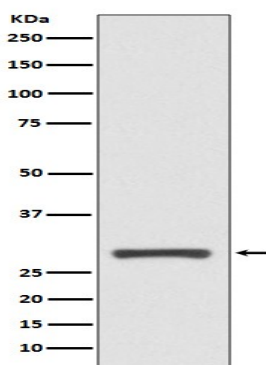


## Background

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway. May also regulate MDM2 autoubiquitination and degradation and thereby activate p53/TP53.

## Research Area

## Image Data



Western blot analysis of 14-3-3 sigma expression in A431 cell lysate.

## Note

For research use only.