

14-3-3 sigma Rabbit mAb

Catalog No.: A4377 **Recombinant**

Basic Information

Observed MW

29kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse

CloneNo number

ARC0988

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:50 - 1:200

Contact

 | www.abclonal.com

Background

This gene encodes a cell cycle checkpoint protein. The encoded protein binds to translation and initiation factors and functions as a regulator of mitotic translation. In response to DNA damage this protein plays a role in preventing DNA errors during mitosis.

Immunogen Information

Gene ID	Swiss Prot
2810	P31947

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human 14-3-3 sigma (P31947).

Synonyms

YWHAS; 14-3-3 sigma

Product Information

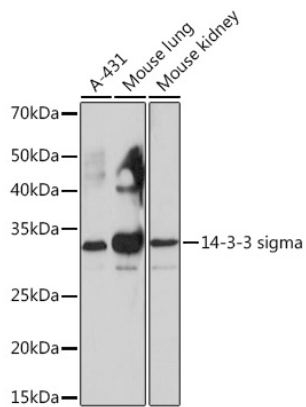
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using 14-3-3 sigma Rabbit mAb (A4377) at 1:1000 dilution.

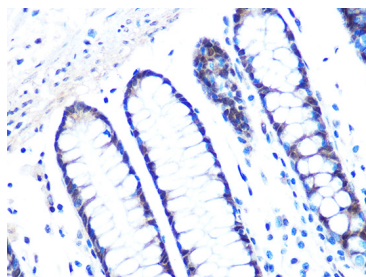
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded human colon using 14-3-3 sigma Rabbit mAb (A4377) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.