

Anti-Axin-2 Axin2 Antibody

Catalog Number: A01772-1

About AXIN2

Single-stranded structure-specific DNA endonuclease involved in DNA excision repair. Makes the 3'incision in DNA nucleotide excision repair (NER). Acts as a cofactor for a DNA glycosylase that removes oxidized pyrimidines from DNA. May also be involved in transcription-coupled repair of this kind of damage, in transcription by RNA polymerase II, and perhaps in other processes too.

Scherly D., Nature 363:182-185(1993).

Shiomi T., Mutat. Res. 314:167-175(1994).

Macinnes M.A., Mol. Cell. Biol. 13:6393-6402(1993).

Overview

Product Name	Anti-Axin-2 Axin2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Axin-2 Axin2 Antibody catalog # A01772-1. Tested in WB,ICC/IF,IHC applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y2T1

Technical Details

Immunogen	Synthetic peptide, corresponding to amino acids 130-180 of Human ERCC5/XPG.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:2,000 ICC: 1:50-1:200 IHC: 1:10-1:50

Anti-Axin-2 Axin2 Antibody (A01772-1) Images

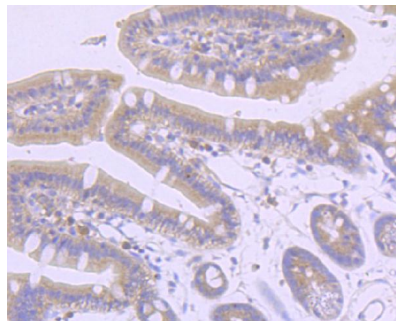


Figure 2. Immunohistochemistry validation of AXIN2 using Anti-Axin2 Antibody (A01772-1).

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Axin2 antibody. Counter stained with hematoxylin.

For more protocol information of IHC

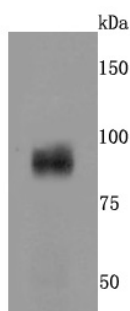


Figure 1. Western blotting validation for Anti-Axin2 Antibody A01772-1

Western blot analysis of Axin2 on SW480 cells lysates using anti-Axin2 antibody at 1/500 dilution. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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