

Anti-ID2 Antibody

Catalog Number: A00417-2

About ID2

Isoform 1: Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.

Kan-Tai Hsia, Development, Jan 2003; 130: 369.

Jim Selfridge, Nucleic Acids Res., Nov 2001; 29: 4541 - 4550.

Cha-Kyung Youn, Cancer Res., Jul 2004; 64: 4849 - 4857.

Teresa A. Motycka, J. Biol. Chem., Apr 2004; 279: 13634 - 13639.

Overview

Product Name	Anti-ID2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ID2 Antibody catalog # A00417-2. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, 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	Q02363

Technical Details

Immunogen	A synthetic peptide of human SPR.
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	Does not cross-react with eNOS or nNOS.
Isotype	IgG
Form	Liquid

Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:2000-1:5000</p> <p>IHC: 1:50-1:200</p>

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