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Datasheet for ABIN7152269
anti-EXD2 antibody (AA 137-245)

3 Images

Overview

Quantity:	100 µg
Target:	EXD2
Binding Specificity:	AA 137-245
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXD2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Exonuclease 3\\\'-5\\\' domain-containing protein 2 protein (137-245AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	EXD2
Alternative Name:	EXD2 (EXD2 Products)
Background:	Background: Exonuclease required for double-strand breaks resection and efficient homologous recombination. Plays a key role in controlling the initial steps of chromosomal

Target Details

break repair, it is recruited to chromatin in a damage-dependent manner and functionally interacts with the MRN complex to accelerate resection through its 3'-5' exonuclease activity, which efficiently processes double-stranded DNA substrates containing nicks.

Aliases: 4930539P14Rik antibody, C14orf114 antibody, C85658 antibody, DKFZp781A0133 antibody, DKFZp781L15100 antibody, Exd2 antibody, EXD2_HUMAN antibody, EXDL2 antibody, Exonuclease 3"-5" domain-containing protein 2 antibody, Exonuclease 3"-5" domain-like-containing protein 2 antibody, exonuclease 3'-5' domain-like 2 antibody, FLJ10738 antibody, RGD1311087 antibody

UniProt: [Q9NVH0](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:10000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

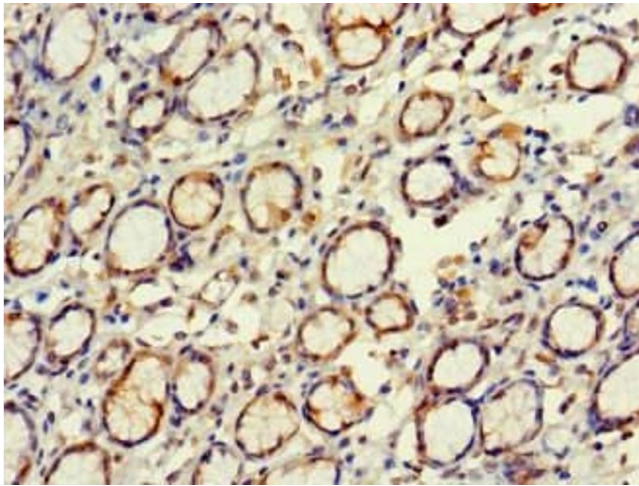
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

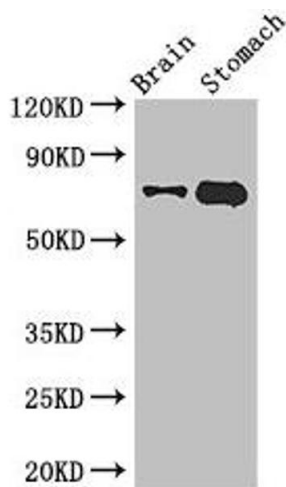
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



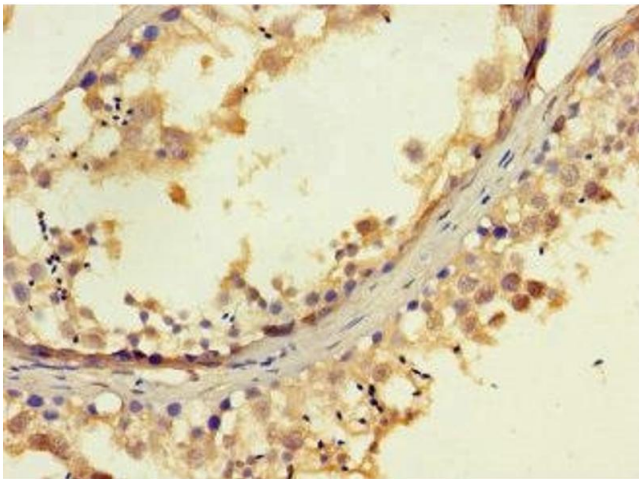
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7152269 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue, Mouse stomach tissue All lanes: EXD2 antibody at 2.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 71, 57 kDa Observed band size: 71 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7152269 at dilution of 1:100