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Datasheet for ABIN3032632
anti-SMAD7 antibody (AA 195-224)

5 Images

Overview

Quantity:	0.4 mL
Target:	SMAD7
Binding Specificity:	AA 195-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 195-224 from the human protein was used as the immunogen for this SMAD7 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Rat
Purification:	Purified

Target Details

Target:	SMAD7
Alternative Name:	SMAD7 (SMAD7 Products)
Background:	SMAD7 is a member of the MAD-related family of molecules. MAD-related proteins are a

Target Details

recently identified family of intracellular proteins that are thought to be essential components in the signaling pathways of the serine/threonine kinase receptors of the transforming growth factor beta super family.

UniProt: [O15105](#)

Pathways: [Interferon-gamma Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Titration of the SMAD7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

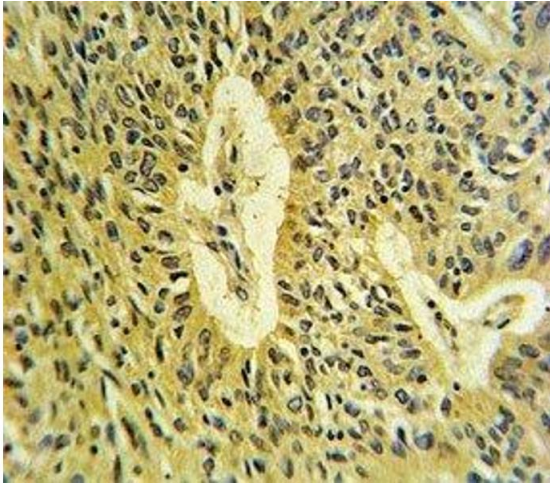
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

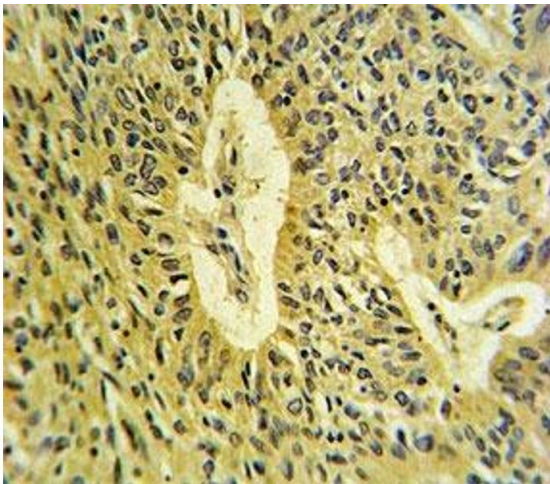
Storage: -20 °C

Storage Comment: Aliquot the SMAD7 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. SMAD7 antibody IHC analysis in formalin fixed and paraffin embedded lung carcinoma.



Immunohistochemistry

Image 2. SMAD7 antibody IHC analysis in formalin fixed and paraffin embedded lung carcinoma.



Western Blotting

Image 3. Western blot analysis of SMAD7 antibody in ZR-75-1 lysate. Observed molecular weight: 45~55 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3032632.