

Datasheet for ABIN961125 **anti-SMAD7 antibody (AA 12-29)**



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Overview

Quantity:	100 µg
Target:	SMAD7
Binding Specificity:	AA 12-29
Reactivity:	Human, Cow, Dog, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 12-29 (RLWRSRAPGGEDEEEGAG) and amino acids 36-50 (ELRGEGATDSRAHGA) of human SMAD7. This sequence is 100% or highly conserved between human and multiple species. Percent identity by BLAST analysis: Human, Monkey, Bovine, Dog, Bat, Panda (100%), Mouse, Rat, Rabbit, Pig, Platypus (94%).
Specificity:	In A549, an approx. 45 kD band is observed. This may cross-react with SMAD6 depending on cell or tissue-specific expression.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Monkey, Bovine, Dog, Bat, Panda (100%) Mouse, Rat, Rabbit, Pig, Platypus (94%).
Purification:	Protein G purified
Sterility:	Sterile filtered

Target Details

Target:	SMAD7
Alternative Name:	SMAD7 (SMAD7 Products)
Background:	Name/Gene ID: SMAD7 Synonyms: SMAD7, CRCS3, HSMAD7, MAD homolog 7, SMAD 7, MADH7, MADH8, Mothers against DPP homolog 7, Mothers against DPP homolog 8, MAD homolog 8, SMAD family member 7
Gene ID:	4092
UniProt:	O15105
Pathways:	Interferon-gamma Pathway , Cell-Cell Junction Organization

Application Details

Application Notes:	Approved: WB (4 - 6 µg/mL) Usage: The applications listed have been tested for the unmodified form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, azide-free, sterile filtered
Preservative:	Azide free
Handling Advice:	Aliquot to Avoid freeze/thaw cycles.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid freeze/thaw cycles.