

Datasheet for ABIN3032628  
**anti-SMAD6 antibody (AA 357-386)**



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2 Images

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 0.4 mL                               |
| Target:              | SMAD6                                |
| Binding Specificity: | AA 357-386                           |
| Reactivity:          | Mouse                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This SMAD6 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA         |

## Product Details

|               |                                                                                                            |
|---------------|------------------------------------------------------------------------------------------------------------|
| Immunogen:    | A portion of amino acids 357-386 from the human protein was used as the immunogen for this SMAD6 antibody. |
| Isotype:      | Ig Fraction                                                                                                |
| Purification: | Antigen affinity purified                                                                                  |

## Target Details

|                   |                                                                                                                                                                                                                                                                                    |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SMAD6                                                                                                                                                                                                                                                                              |
| Alternative Name: | SMAD6 ( <a href="#">SMAD6 Products</a> )                                                                                                                                                                                                                                           |
| Background:       | The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. |

## Target Details

This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling.  
Multiple transcript variants encoding different isoforms have been found for this gene.

UniProt: [O43541](#)

Pathways: [Chromatin Binding](#)

## Application Details

Application Notes: Titration of the SMAD6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

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

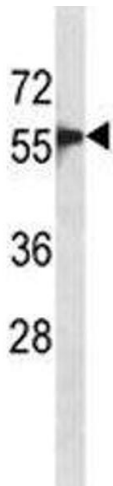
Preservative: Sodium azide

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

Storage: -20 °C

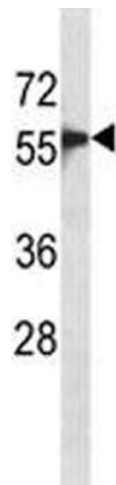
Storage Comment: Aliquot the SMAD6 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** SMAD6 antibody western blot analysis in mouse Neuro-2a lysate. Observed molecular weight: 50~60 kDa.



Western Blotting

**Image 2.** SMAD6 antibody western blot analysis in mouse Neuro-2a lysate. Observed molecular weight: 50~60 kDa.