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anti-WTX antibody





Overview

Quantity:	100 μL
Target:	WTX (AMER1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WTX antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse FAM123B
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	WTX (AMER1)
Alternative Name:	FAM123B (AMER1 Products)
Background:	Regulator of the canonical Wnt signaling pathway. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (Ptdlns(4,5)P2), translocating to the cell membrane and
	interacting with key regulators of the canonical Wnt signaling pathway, such as components of
	the beta-catenin destruction complex. Acts both as a positive and negative regulator of the Wnt
	signaling pathway, depending on the context: acts as a positive regulator by promoting LRP6

Target Details

	phosphorylation. Also acts as a negative regulator by acting as a scaffold protein for the beta- catenin destruction complex and promoting stabilization of Axin at the cell membrane. Promotes CTNNB1 ubiquitination and degradation. Involved in kidney development.
Molecular Weight:	125 kDa
Gene ID:	72345
NCBI Accession:	NP_780388
UniProt:	Q7TS75

Application Details

Application Notes:	WB (H,M,R) 1: 500-1: 1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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

Images

180 kDa— Mouse kidney Mouse brain Mouse Mouse lung Rat kidney Rat brain wtx

Western Blotting

Image 1. Western blot analysis of wtx (ABIN7073078) at dilution of 1: 500