

	<p>SMAD7</p>	<p>E 9 1 2 3 4 3</p>
--	--------------	--

Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Mouse Rat
Molecular Weight:	46kDa
Immunogen:	A synthetic peptide of human SMAD7
Gene ID:	4092
Swiss-Prot No.:	O15105
Altername:	CRCS3;MADH7;MADH8
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Background:	The protein encoded by this gene is a nuclear protein that binds the E3 ubiquitin ligase SMURF2. Upon binding, this complex translocates to the cytoplasm, where it interacts with TGF-beta receptor type-1 (TGFB1), leading to the degradation of both the encoded protein and TGFB1. Expression of this gene is induced by TGFB1. Variations in this gene are a cause of susceptibility to colorectal cancer

For Research Use Only

	type 3 (CRCS3). Several transcript variants encoding different isoforms have been found for this gene.
Dilution:	WB 1:500 - 1:2000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.