

## STIM1 Antibody (C-term)

Catalog_no :	AB0739
Applications :	WB, IHC-P, FC, IF
Reactivity :	H
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN:509-538
Specificity :	This STIM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 509-538 amino acids from the C-terminal region of human STIM1.
Dilution :	WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Stromal interaction molecule 1, STIM1, GOK
Isotype :	Rabbit Ig
Background :	This gene encodes a type 1 transmembrane protein that mediates Ca <sup>2+</sup> influx after depletion of intracellular Ca <sup>2+</sup> stores by gating of store-operated Ca <sup>2+</sup> influx channels (SOCs). It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region, as well as early hematopoiesis, by mediating attachment to stromal cells. This gene is oriented in a head-to-tail configuration with the ribonucleotide reductase 1 gene (RRM1), with the 3' end of this gene situated 1.6 kb from the 5' end of the RRM1 gene.
reference :	Byun, M., et al. J. Exp. Med. 207(11):2307-2312(2010) Park, C.Y., et al. Science 330(6000):101-105(2010) Walsh, C.M., et al. Biochem. J. 430(3):453-460(2010) Hawkins, B.J., et al. J. Cell Biol. 190(3):391-405(2010) Woodward, O.M., et al. PLoS ONE 5 (