

Transcription Factor 7 Like 2 Rabbit mAb
Catalog # AP76160**Specification**

Transcription Factor 7 Like 2 Rabbit mAb - Product Information

Application	WB, IHC-P, IP
Primary Accession	Q9NOB0
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	67919

Transcription Factor 7 Like 2 Rabbit mAb - Additional Information**Gene ID** 6934**Other Names**
TCF7L2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IP~~N/A**Format**
Liquid**Transcription Factor 7 Like 2 Rabbit mAb - Protein Information****Name** TCF7L2**Synonyms** TCF4**Function**

Participates in the Wnt signaling pathway and modulates MYC expression by binding to its promoter in a sequence-specific manner. Acts as a repressor in the absence of CTNNB1, and as activator in its presence. Activates transcription from promoters with several copies of the Tcf motif 5'-CCTTTGATC-3' in the presence of CTNNB1. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7L2/TCF4 and CTNNB1. Expression of dominant-negative mutants results in cell-cycle arrest in G1. Necessary for the maintenance of the epithelial stem-cell compartment of the small intestine.

Cellular Location

Nucleus, PML body. Nucleus. Note=Diffuse pattern. Colocalizes with SUMO1 and PIAS4 in a subset of PML (promyelocytic leukemia) nuclear bodies

Tissue Location

Detected in epithelium from small intestine, with the highest expression at the top of the crypts

and a gradient of expression from crypt to villus. Detected in colon epithelium and colon cancer, and in epithelium from mammary gland and carcinomas derived therefrom.

Transcription Factor 7 Like 2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Transcription Factor 7 Like 2 Rabbit mAb - Images



