

KLF7 (80-230) Human

Kruppel-Like Factor 7 (80-230) Human Recombinant

RCP1174

Product Overview

Name	KLF7 (80-230) Human
Accession(Primary)	O75840
Immunogen	Anti-human KLF7 mAb, clone PAT3G3A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human KLF7 protein 1-302 amino acids purified from E. coli.
Description	Kruppel-Like Factor 7 (80-230) Human Recombinant

Target information (O75840)

Gene Name

About Gene Symbol

Background

Kruppel-Like Factor 7 (KLF7) which is a part of the KLF family, plays an important roles in many biological processes, including cellular proliferation, differentiation and apoptosis. KLF7 functions as a transcription factor, binding to specific DNA sequences to regulate gene expression. KLF7 takes part in the regulation of metabolic pathways, including glucose homeostasis. KLF7 modulates insulin sensitivity and plays a role in adipocyte differentiation. KLF7 contributes to the progression of type 2 diabetes by inhibiting hormone expression and secretion in pancreatic beta-cells and also by deregulating adipocytokine secretion in adipocytes. KLF7 is critical in the development and maturation of neurons. KLF7 promotes the differentiation of neural progenitor cells and influences axon growth and synaptic

plasticity.