

Datasheet for ABIN969238

anti-KLF15 antibody[Go to Product page](#)**1** Image**1** Publication

Overview

Quantity:	100 µL
Target:	KLF15
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KLF15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human KLF15 expressed in E. coli.
Clone:	2G8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	KLF15
Alternative Name:	KLF15 (KLF15 Products)
Background:	Description: KLF15 (Kruppel-like factor 15), also known as KKLF, DKFZp779M1320. Entrez Protein NP_054798. Sequence analysis predicted that the 416 amino acid KLF15 protein, which is 84 % identical to the rat Klf15 protein, contains 3 zinc finger motifs at its C terminus, N-terminal serine-rich stretches, and a central proline-rich segment. KLF15, a kidney-enriched

Target Details

Krueppel-like factor, is a transcriptional activator that binds the CLCNKA promoter. KLF15, which is a nuclear protein, is expressed primarily in liver, heart, skeletal muscle and kidney tissues but is not detected in lymphoid tissues or bone marrow. KLF15 is an important regulator of GLUT4 in both adipose and muscle tissues.

Aliases: KKLF, DKFZp779M1320

Molecular Weight: 44 kDa

Gene ID: 28399

HGNC: 28399

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

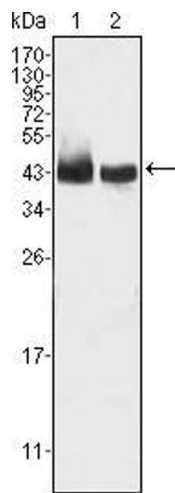
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Wang, Wu, Zhou, Guo, Zheng, Wang, Bi, Liu, Zhou, Guo, Sha: "Mapping of the N-linked glycoproteome of human spermatozoa." in: **Journal of proteome research**, Vol. 12, Issue 12, pp. 5750-9, (2013) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using KLF15 mouse mAb against HepG2 (1) and SMMC-7721 (2) cell lysate.