

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human KLF17 in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) KLF1, rhKLF2, rhKLF4, rhKLF5, rhKLF6, rhKLF10, and rhKLF12 is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human KLF17 Met1-Gln228 Accession # Q5JT82
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

KLF17 (Kruppel-like factor 17) is a 38-39 kDa member of the Sp1 C2H2-type zinc-finger protein family. Based on mouse studies, it is expressed in germ cells and likely plays a role in spermatid and oocyte differentiation. It is also found to be downregulated in tumors where, if present, it normally suppresses Id1 (Inhibitor of DNA binding 1), a transcription factor associated with tumorigenesis. Human KLF17 is 389 amino acids (aa) in length and contains three zinc-finger motifs (aa 283-365). There is one potential alternate splice form that shows a 19 aa substitution for aa 97-389. Over aa 1-228, human KLF17 shares only 33% aa identity with mouse ZFP393/KLF17.

PRODUCT SPECIFIC NOTICES

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