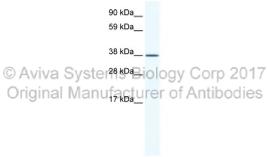


KLF2 antibody - middle region (ARP37859_T100)

Product Number	ARP37859_T100
Product Page	http://www.avivasysbio.com/klf2-antibody-middle-region-arp37859-t100.html
Product Name	KLF2 antibody - middle region (ARP37859_T100)
Size	100 ul
Gene Symbol	KLF2
Alias Symbols	Lklf
Protein Size (# AA)	354 amino acids
Molecular Weight	39kDa
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
NCBI Gene Id	16598
Host	Rabbit
Clonality	Polyclonal
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml
Official Gene Full Name	Kruppel-like factor 2 (lung)
Description	This is a rabbit polyclonal antibody against KLF2. It was validated on Western Blot using a cell lysate as a positive control. Aviva Systems Biology strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (info@avivasysbio.com).
Peptide Sequence	Synthetic peptide located within the following region: IPASGPRNPFPPPFPGPGPSFGGPGPALHYGPPAPGAFGLFEDAAAAAAL
Target Reference	Basu,P., et al., (2005) Blood 106 (7), 2566-2571
Description of Target	KLF2/Lung Kruppel-like factor (LKLF) functions as a negative regulator of adipocyte differentiation. KLF2 is highly expressed in adipose tissue, and studies in cell lines and primary cells demonstrate that KLF2 is expressed in preadipocytes but not mature adipocytes.
Protein Interactions	Sqstm1; Ubc;
Reconstitution and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Lead Time	Domestic: within 1-2 days delivery International: 1-2 days *** Required Wet/Dry Ice Surcharge will automatically be applied upon checkout for the shipment. See Surcharges
Blocking Peptide	For anti-KLF2 (ARP37859_T100) antibody is Catalog # AAP37859 (Previous Catalog # AAPP09982)
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Complete computational species homology data	Anti-KLF2 (ARP37859_T100)

Tissue Tool	Find tissues and cell lines supported by DNA array analysis to express KLF2 . T
Swissprot Id	Q60843
Protein Name	Krueppel-like factor 2
Protein Accession #	NP_032478
Purification	Protein A purified
RNA Seq	Find tissues and cell lines supported by RNA-seq analysis to express KLF2 . R
Nucleotide Accession #	NM_008452
Replacement Item	This antibody may replace item sc-18690 from Santa Cruz Biotechnology.
Conjugation Options	ARP37859_T100-FITC Conjugated ARP37859_T100-HRP Conjugated ARP37859_T100-Biotin Conjugated
CB Replacement	sc-18690; sc-18692; sc-1905; sc-28675; sc-35818; sc-35819
Species Reactivity	Human, Mouse, Pig, Rat
Application	WB
Predicted Homology Based on Immunogen Sequence	Human: 86%; Mouse: 100%; Pig: 77%; Rat: 100%

	<p>Image 1: Mouse NIH-3T3 WB Suggested Anti-KLF2 Antibody Titration: 2.5ug/ml ELISA Titer: 1:312500 Positive Control: NIH/3T3 cell lysate</p>
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AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.