Mouse ADP/Acrp30 Antibody Pair Set

Catalog No. E-KAB-0071 **Applications** ELISA
Synonyms Acrp30, GBP28, ACDC, APM1, ADPN, AdipoQ, ADIPQTL1

Kit components & Storage

Title	Specifications	Storage
Mouse ADP/Acrp30 Capture Antibody	1 vial, 100 μ g	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse ADP/Acrp30 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

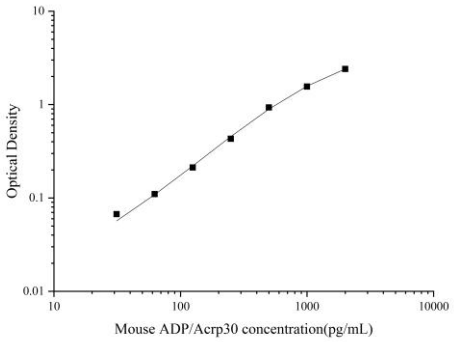
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0071)	
		Mouse ADP/Acrp30 Capture Antibody	Mouse ADP/Acrp30 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse ADP/Acrp30 protein	Recombinant Mouse ADP/Acrp30 protein
	Swissprot	Q60994	
Product details	Reactivity	Mouse	Mouse
	Host	Goat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Antigen Affinity	Antigen Affinity
	Specificity	Detects Mouse ADP/Acrp30 in ELISAs.	

Applications

Mouse ADP/Acrp30 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Mouse ADP/Acrp30 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse ADP/Acrp30 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Adiponectin (AdipoQ),an adipocyte-derived hormone,is one of the most abundant adipokines in the blood circulation. Adiponectin modulates a number of metabolic processes,including improving insulin sensitivity and anti-inflammatory activity. The role of AdipoQ in reproduction is not yet fully understood,but the expression of AdipoQ in reproductive tissues has been observed in various animals and humans,including chicken testis,bovine ovary,and human placenta. Adiponectin exerts its effects by activating a range of different signaling molecules via binding to two transmembrane AdipoQ receptors,AdipoR1 and AdipoR2. AdipoR1 is expressed primarily in the skeletal muscle,whereas AdipoR2 is predominantly expressed in the liver. AdipoQ May play a role in cell growth,angiogenesis and tissue remodeling by binding and sequestering various growth factors.