



RAD Rabbit mAb

Catalog No	YP-rAb-18216
Isotype	IgG
Reactivity	Human
Applications	WB,IHC,IF,IP,ELISA
Gene Name	RRAD
Protein Name	GTP-binding protein RAD
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	RAD;GTP-binding protein RAD;RRAD ; RAD ; GTP-binding protein RAD ; RAD1 ; Ras associated with diabetes;RRAD
Observed Band	36kD
Calculated Molecular Weight	33kD
Cell Pathway	Cell membrane .
Tissue Specificity	Most abundantly expressed in the heart. Also found in the skeletal muscle and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.
Function	similarity:Belongs to the small GTPase superfamily. RGK family.,subunit:Interacts with calmodulin preferentially to the inactive, GDP-form. Binds CAMKII which is capable of phosphorylating RAD in vitro.,tissue specificity:Skeletal and cardiac muscle, and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.,
Background	similarity:Belongs to the small GTPase superfamily. RGK family.,subunit:Interacts with calmodulin preferentially to the inactive, GDP-form. Binds CAMKII which is capable of phosphorylating RAD in vitro.,tissue specificity:Skeletal and cardiac muscle, and lung. Lesser amounts in placenta and kidney. Also detected in adipose tissue. Overexpressed in muscle of type II diabetic humans.,

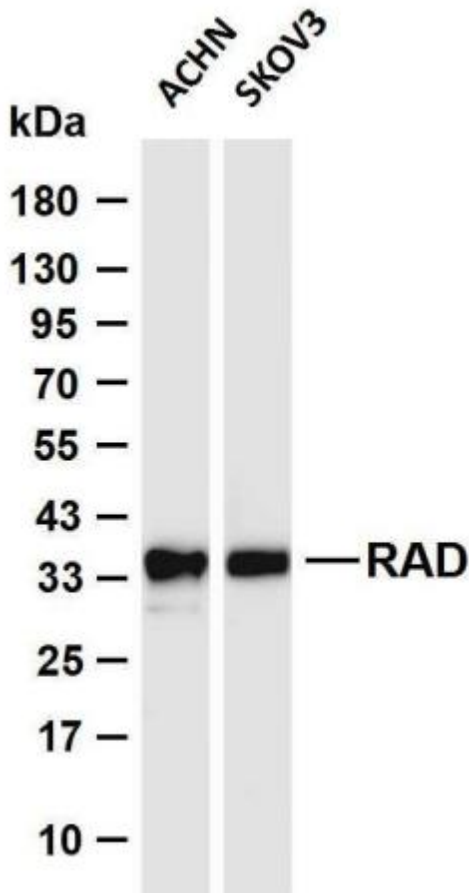


matters needing attention

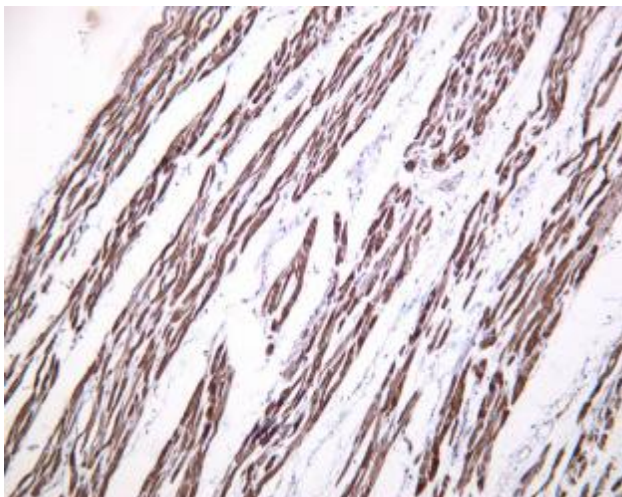
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-RAD antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: ACHN Lane 2: SKOV3 Predicted band size: 33kDa Observed band size: 36kDa



Human muscle was stained with anti-RAD Rabbit antibody

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