

# Product Datasheet

## AMPK beta 1 Antibody (1D3) - Azide and BSA Free H00005564-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005564-M07**

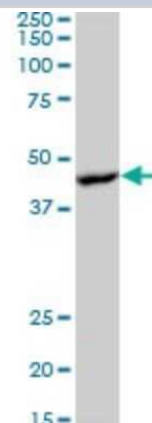
AMPK beta 1 Antibody (1D3) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5564
Gene Symbol	PRKAB1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	PRKAB1 - protein kinase, AMP-activated, beta 1 non-catalytic subunit (1D3)
Immunogen	PRKAB1 (AAH17671, 1 a.a. ~ 270 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGNTSSERAALERHGGHKTPRRDSSGGTKDGDPRKILMDSPEDADLFHSEEIK APEKEEFLAWQHDLEVNDKAPAQARPTVFRWTGGGKEVYLSGSFNNWSKLPL TRSHNNFVAILDLPEGEHQYKFFVDGQWTHDPSEPIVTSQLGTVNNIIQVKKTD FEVFDALMVDSQKCSVDSELSSSPGPYHQEPYVCKPEERFRAPPILPPHLLQ VILNKDTGISCDPALLPEPNHVMLNHLIALSIKDGVMVLSATHRYKKKYVTLLY KPI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

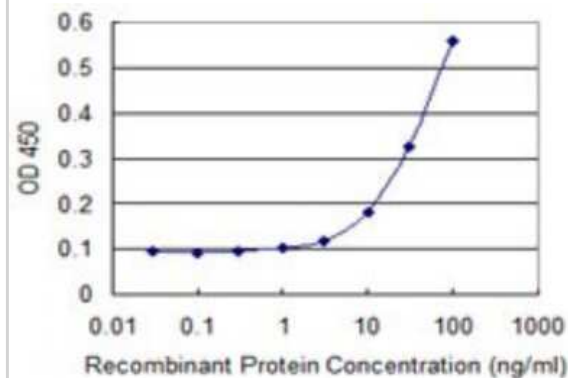


## Images

Western Blot: AMPK beta 1 Antibody (1D3) [H00005564-M07] - Analysis of PRKAB1 expression in Raw 264.7 (Cat # L024V1).



Sandwich ELISA: AMPK beta 1 Antibody (1D3) [H00005564-M07] - Detection limit for recombinant GST tagged PRKAB1 is 3 ng/ml as a capture antibody.





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### **Products Related to H00005564-M07**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-23375	Recombinant Human AMPK beta 1 His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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