

Product Datasheet

Apelin Antibody (2A1-2D5) - Azide and BSA Free H00008862-M01

Unit Size: 0.1 mg

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

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H00008862-M01

Apelin Antibody (2A1-2D5) - 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	2A1-2D5
Preservative	No Preservative
Isotype	IgG1 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	8862
Gene Symbol	APLN
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33574981)
Specificity/Sensitivity	APLN - apelin, AGTRL1 ligand
Immunogen	APLN (AAH21104.1, 1 a.a. ~ 122 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSATWCSPGQGMGQPGREVGGNASGPASPIRDPCLSEAGLKGPPSAH PRRLCLLHRLVCFSGGLTSIQLSPRTCCSHQWAQLFSPACFPQWRAPGCSLD DSRSLTRIRPVHLPGPSLD
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.



Images

ELISA: Apelin Antibody (2A1-2D5) [H00008862-M01] - Detection limit for recombinant GST tagged APLN is approximately 0.1ng/ml as a capture antibody.



Publications

Lou Z, Zhang C, Li J, et al. Apelin/APJ-Manipulated CaMKK/AMPK/GSK3 β Signaling Works as an Endogenous Counterinjury Mechanism in Promoting the Vitality of Random-Pattern Skin Flaps Oxidative Medicine and Cellular Longevity 2021-01-25 [PMID: 33574981] (IHC-P, ICC/IF, WB, Mouse, Human)





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Products Related to H00008862-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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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