

# Product Datasheet

## CD82/Kai-1 Antibody - BSA Free

### NBP1-76775

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-76775**

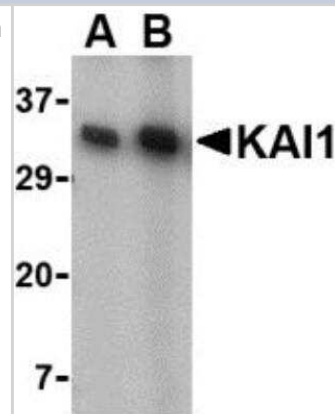
CD82/Kai-1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	3732
Gene Symbol	CD82
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a 15 amino acid synthetic peptide from near the carboxy terminus of human KAI1. The immunogen is located within the last 50 amino acids of KAI1. Amino Acid Sequence: CRHVHSEDYSKVPKY
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 0.5-1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/mL, Immunoprecipitation, Immunohistochemistry-Paraffin 2.5 ug/ml
Application Notes	Use in IP reported in scientific publication (PMID: 32573489).

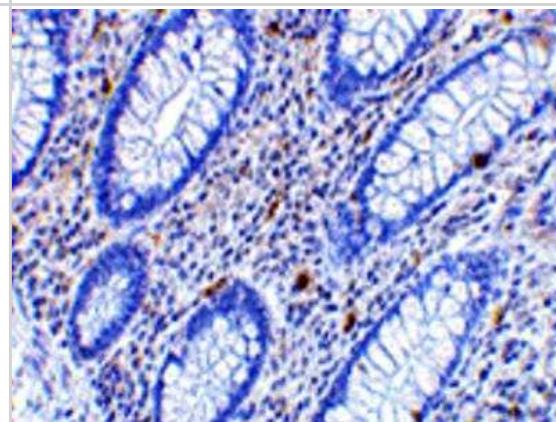


## Images

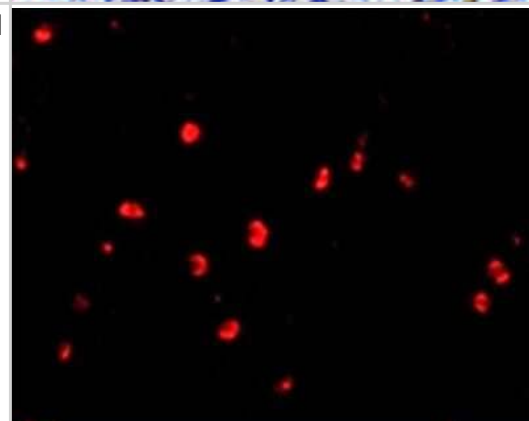
Western Blot: CD82/Kai-1 Antibody [NBP1-76775] - A549 cell lysate with CD82 antibody at (A) 0.5 and (B) 1 ug/ml.



Immunohistochemistry-Paraffin: CD82/Kai-1 Antibody [NBP1-76775] - Human colon tissue with KAI1 antibody at 2.5 ug/mL.



Immunocytochemistry/Immunofluorescence: CD82/Kai-1 Antibody [NBP1-76775] - Human Colon cells with KAI1 antibody at 20 ug/mL.



## Publications

Schweitzer KS, Jinawath N, Yonescu R et al. IGSF3 mutation identified in patient with severe COPD alters cell function and motility JCI Insight 2020-06-23 [PMID: 32573489] (WB, IP, Mouse)

Xu XD, Shen HB, Zhu L et al. Anti-RhoC siRNAs inhibit the proliferation and invasiveness of breast cancer cells via modulating the KAI1, MMP9, and CXCR4 expression. Onco Targets Ther. 2017-04-03 [PMID: 28367066] (WB, Human)



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### **Products Related to NBP1-76775**

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NBP1-76775PEP	CD82/Kai-1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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