

Product Datasheet

KLF8 Antibody NBP2-57740

Unit Size: 100 ul

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

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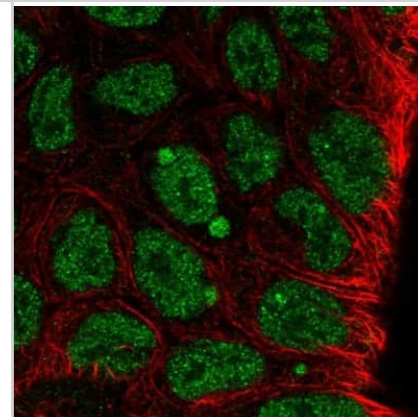
NBP2-57740**KLF8 Antibody**

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	11279
Gene Symbol	KLF8
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31827393).
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PALFNDIKIEPPEELLASDFSLPQVEPVDLSFHKPKAPLQPASMLQAPIRPPKPQ SSPQ
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Image collected and cropped by CiteAb from the following publication (https://pubmed.ncbi.nlm.nih.gov/31827393), licensed under a CC-BY licence., Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin Use in IHC-P reported in scientific literature (PMID:31827393).
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

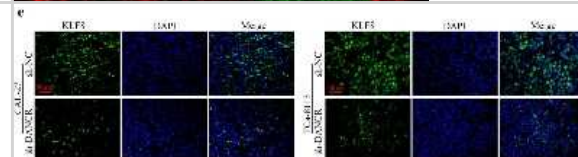


Images

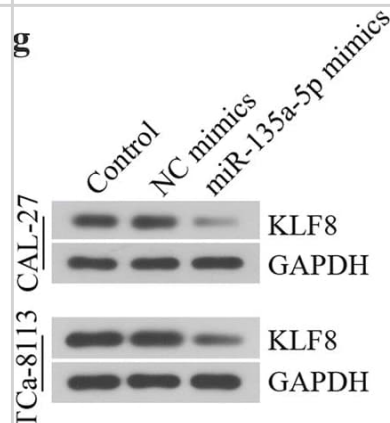
Immunocytochemistry/Immunofluorescence: KLF8 Antibody [NBP2-57740] - Staining of human cell line RT4 shows localization to nucleoplasm & aggresome.



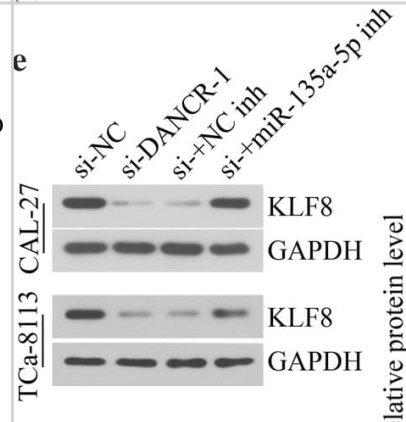
Immunocytochemistry/Immunofluorescence: KLF8 Antibody [NBP2-57740] - DANCER knockdown blocked the tumor formation in vivo involving KLF8 activation. CAL-27 or TCa-8113 cells transfected with shRNA against DANCER were inoculated subcutaneously into the nude mice. Xenografts were measured every 4 days with a caliper. Immunofluorescence staining was performed to investigate KLF8 immunoreactive materials in tumor tissues after 25 days. *** $p < 0.001$, versus to sh-NC Image collected and cropped by CiteAb from the following publication (<https://cancerbiomedcentral.com/articles/10.1186/s12935-019-1016-6>), licensed under a CC-BY license.



MiR-135a-5p overexpression suppressed tumor cell progression and KLF8 expression in vitro. G) Relative expression of KLF8 protein was measured using western blot in CAL-27 and TCa-8113 cells. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, versus to NC mimics Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31827393>), licensed under a CC-BY licence.



DANCER knockdown repressed tumor cell progression and KLF8 expression by targeting miR-135a-5p in vitro. e) Relative expression of KLF8 protein was detected using western blot in CAL-27 and TCa-8113 cells. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, versus to si-NC; & $p < 0.05$, && $p < 0.01$, &&& $p < 0.001$, versus to si-DANCER-1 + NC inhibitor Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/31827393>), licensed under a CC-BY licence.



Publications

Zheng Y, Zheng B, Meng X et al. LncRNA DANCER promotes the proliferation, migration, and invasion of tongue squamous cell carcinoma cells through miR-135a-5p/KLF8 axis Cancer Cell Int 2019-12-01 [PMID: 31827393] (IHC-P, Mouse)



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Products Related to NBP2-57740

NBP2-57740PEP	KLF8 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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