

## KLF9 Antibody (F54706)

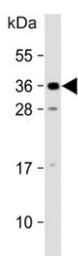
Catalog No.	Formulation	Size
F54706-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54706-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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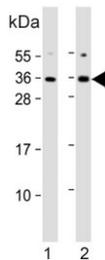
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q13886
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunofluorescence : 1:25
<b>Limitations</b>	This KLF9 antibody is available for research use only.



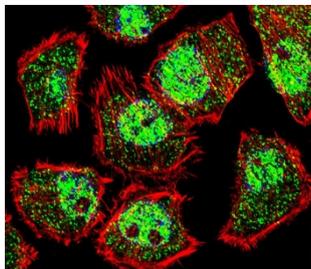
Western blot testing of human WiDr cell lysate with KLF9 antibody. Expected molecular weight: 27-35 kDa.



Western blot testing of human U-87 MG cell lysate with KLF9 antibody. Expected molecular weight: 27-35 kDa.



Western blot testing of 1) rat C6 and 2) human U-87 MG cell lysate with KLF9 antibody.  
Expected molecular weight: 27-35 kDa.



Immunofluorescent staining of fixed and permeabilized human U-251 MG cells with KLF9 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).

## Description

Kruppel-like factor 9, the protein encoded by the KLF9 gene, is a transcription factor that binds to GC box elements located in the promoter. Binding of the encoded protein to a single GC box inhibits mRNA expression while binding to tandemly repeated GC box elements activates transcription.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the KLF9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 29-57 from the human protein was used as the immunogen for the KLF9 antibody.

## Storage

Aliquot the KLF9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.