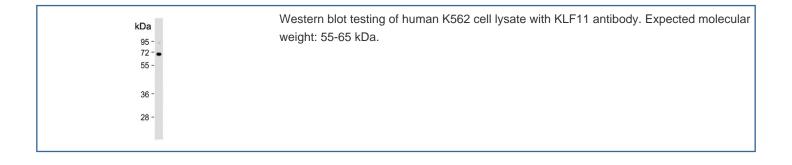


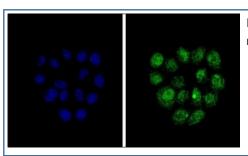
KLF11 Antibody / TIEG2 (F54867)

| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F54867-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54867-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

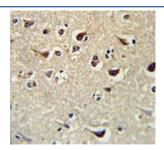
Bulk quote request

| Availability | 1-3 business days |
|--------------------|---|
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit Ig |
| Purity | Purified |
| UniProt | O14901 |
| Localization | Nuclear |
| Applications | Immunohistochemistry (FFPE): 1:50-1:100 Flow Cytometry: 1:10-1:50 (1x10e6 cells) Immunofluorescence: 1:10-1:50 Western Blot: 1:500-1:1000 |
| Limitations | This KLF11 antibody is available for research use only. |

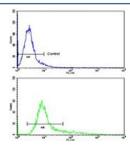




Immunofluorescent staining of human HeLa cells with KLF11 antibody (green) and DAPI nuclear stain (blue).



IHC testing of FFPE human brain tissue with KLF11 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human HEK293 cells with KLF11 antibody; Blue=isotype control, Green= KLF11 antibody.

Description

TIEG2 is a transcription factor. The protein activates the epsilon- and gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding inhibiting cell growth. It represses transcription of SMAD7 which enhances TGF-beta signaling. It induces apoptosis.

Application Notes

The stated application concentrations are suggested starting points. Titration of the KLF11 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 7-36 from the human protein was used as the immunogen for the KLF11 antibody.

Storage

Aliquot the KLF11 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.