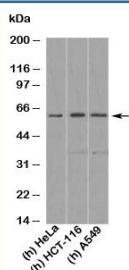


## KLF4 Antibody (N1004)

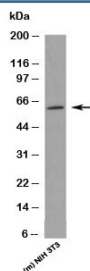
| Catalog No. | Formulation                                                             | Size   |
|-------------|-------------------------------------------------------------------------|--------|
| N1004-100UG | 0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| N1004-25UG  | 0.5 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 25 ug  |

[Bulk quote request](#)

|                    |                                                               |
|--------------------|---------------------------------------------------------------|
| Species Reactivity | Human, Mouse, Rat                                             |
| Format             | Purified                                                      |
| Clonality          | Polyclonal (rabbit origin)                                    |
| Isotype            | Rabbit IgG                                                    |
| Purity             | Protein A Affinity Chromatography                             |
| Buffer             | 1X PBS, pH 7.4                                                |
| Gene ID            | 9314                                                          |
| Applications       | Western Blot : 1-3ug/ml                                       |
| Limitations        | This <b>KLF4 antibody</b> is available for research use only. |



Western blot testing of human samples with KLF4 antibody at 1 ug/ml. Predicted molecular weight: 50-60 kDa + possible ~75 kDa (phosphorylated form).



Western blot testing of mouse samples with KLF4 antibody at 1 ug/ml.

## Description

Krueppel-like factor family members are involved in growth regulation and a wide range of developmental processes. KLF4 is highly expressed in epithelial tissues including skin and stomach/intestine. Studies have shown that KLF4 can function as both an oncogene, upregulating hSSC, and a tumor suppressor, down-regulating colorectal cancer. KLF4 is involved in the differentiation of epithelial cells and may also function in skeletal and kidney development.

## **Application Notes**

Provided assay concentrations are suggestions only, KLF4 antibody titration may be required for optimal results.

## **Immunogen**

A recombinant protein fragment from N-terminal human KLF4 was used as the immunogen for this antibody.

## **Storage**

Aliquot the KLF4 antibody and store frozen at -20oC or colder to avoid repeated freeze-thaw cycles.

## **Alternate Names**

Krueppel-like factor 4, Epithelial zinc finger protein, EZF, Gut-enriched krueppel-like factor, GKLF