



# NTF2 Monoclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-00708                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>                   | NUTF2                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human NUTF2. AA range:67-116                                                                                                                                                                                                                                                                                                                                       |
| <b>Specificity</b>                 | NTF2 Monoclonal Antibody detects endogenous levels of NTF2 protein.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>                      | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purification</b>                | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                   |
| <b>Dilution</b>                    | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                    | NUTF2;NTF 2;NTF-2;Nuclear transport factor 2;NUTF 2;NTF2;Placental protein 15;PP15                                                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>               | 15kD                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Calculated Molecular Weight</b> | 15kD                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cell Pathway</b>                | Cytoplasm, cytosol . Nucleus outer membrane . Nucleus, nuclear pore complex . Nucleus inner membrane . Nucleus, nucleoplasm . At steady state it is essentially nucleoplasmic, enriched in nucleoplasmic foci. .                                                                                                                                                                                                                       |
| <b>Tissue Specificity</b>          | Lung,                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>                    | function:Facilitates protein transport into the nucleus. Interacts with the nucleoporin p62 and with Ran. Acts at a relatively late stage of nuclear protein import, subsequent to the initial docking of nuclear import ligand at the nuclear envelope. Could be part of a multicomponent system of cytosolic factors that assemble at the pore complex during nuclear import.,similarity:Contains 1 NTF2 domain.,subunit:Homodimer., |



## Background

This gene encodes a cytosolic factor that facilitates protein transport into the nucleus. The encoded protein is required for nuclear import of the small Ras-like GTPase, Ran which is involved in numerous cellular processes. This protein also interacts with the nuclear pore complex glycoprotein p62. [provided by RefSeq, Apr 2016],

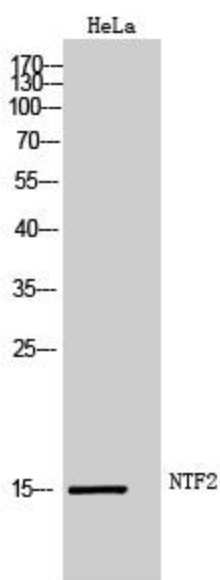
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using NTF2 Monoclonal Antibody