

## HLTF Rabbit mAb

Catalog No: #52337

Package Size: #52337-1 50ul #52337-2 100ul

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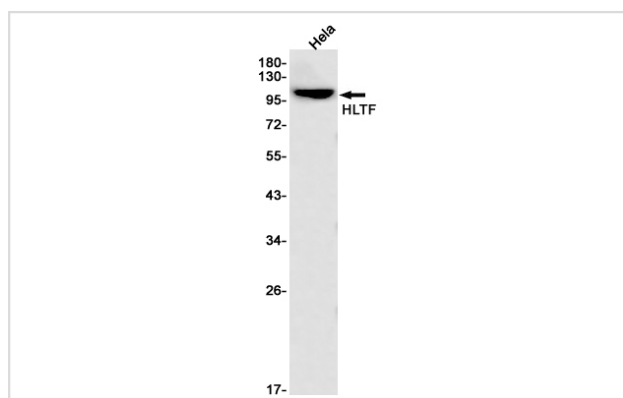
## Description

|                       |  |
|-----------------------|--|
| Product Name          | HLTF Rabbit mAb  |
| Host Species          | Recombinant Rabbit   |
| Clonality             | Monoclonal antibody  |
| Clone No.             | S03-1E4  |
| Isotype               | Rabbit IgG   |
| Purification          | Affinity Purified  |
| Applications          | WB IF  |
| Species Reactivity    | Human,Rat  |
| Immunogen Description | A synthetic peptide of human HLTF  |
| Conjugates            | Unconjugated   |
| Modification          | Unmodification   |
| Other Names           | ZBU1; HLTF1; RNF80; HIP116; SNF2L3; HIP116A; SMARCA3                                     |
| Accession No.         | Swiss-Prot:Q14527GeneID:6596   |
| Uniprot               | Q14527   |
| GeneID                | 6596   |
| Calculated MW         | Calculated MW: 114 kDa; Observed MW: 114 kDa   |
| Concentration         | 0.3 mg/ml  |
| Formulation           | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| Storage               | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

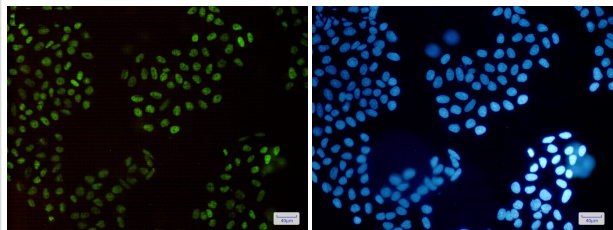
## Application Details

WB: 1/2000-1/10000; ICC/IF: 1/20

## Images



Western blot detection of HLTF in HeLa cell lysates using HLTF Rabbit mAb(1:1000 diluted).Predicted band size:114kDa.Observed band size:114kDa.



Immunofluorescence of HLTF(green) in HeLa cells using HLTF Rabbit mAb at dilution 1/50, and DAPI(blue)

## Background

Swiss-Prot Acc.Q14527.Has both helicase and E3 ubiquitin ligase activities. Possesses intrinsic ATP-dependent nucleosome-remodeling activity; This activity may be required for transcriptional activation or repression of specific target promoters . These may include the SERPINE1 and HIV-1 promoters and the SV40 enhancer, to which this protein can bind directly. Plays a role in error-free postreplication repair (PRR) of damaged DNA and maintains genomic stability through acting as a ubiquitin ligase for 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA.

Note: This product is for in vitro research use only