

PACO54810

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200, IP:1:200-1:2000

Protein Background:

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.

Gene ID:

HLTF

Uniprot

Q14527

Synonyms:

Helicase-like transcription factor (EC 2.3.2.27) (EC 3.6.4) (DNA-binding protein/plasminogen activator inhibitor 1 regulator) (HIP116) (RING finger protein 80) (RING-type E3 ubiquitin transferase HLTF) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3) (Sucrose nonfermenting protein 2-like 3), HLTF, HIP116A RNF80 SMARCA3 SNF2L3 ZBU1

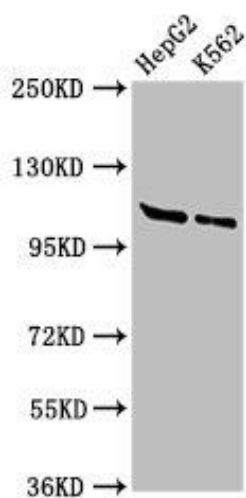
Immunogen:

Recombinant Human Helicase-like transcription factor protein (332-476AA).

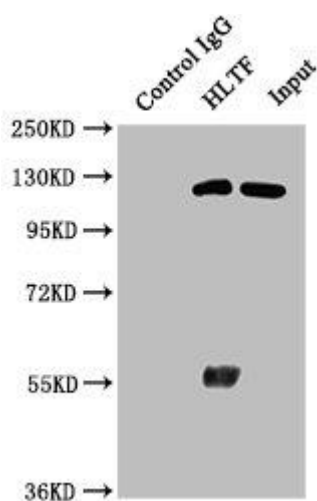
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

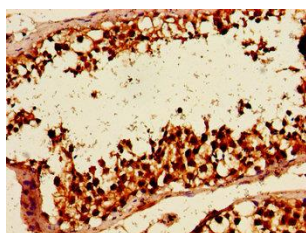
Product Images



Western Blot. Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate. All lanes: HLTF antibody at 3 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 114, 100 kDa. Observed band size: 114 kDa.



Immunoprecipitating HLTF in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of PACO54810 in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/50000). Lane 2: PACO54810 (6 μ g) + HeLa whole cell lysate (1mg). Lane 3: HeLa whole cell lysate (20 μ g).



Immunohistochemistry of paraffin-embedded human testis tissue using PACO54810 at dilution of 1:100.