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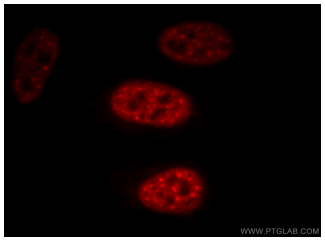
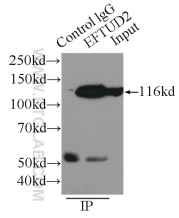
EFTUD2 Polyclonal Antibody

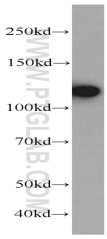
Catalog number: 10208-1-AP
Size: 35 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
EFTUD2; DKFZp686E24196, EFTUD2, FLJ44695, hSNU114, KIAA0031, Snrp116, Snu114, SNU114 homolog, U5 116 kDa, U5 116KD



Immunofluorescent analysis of HepG2 cells, using EFTUD2 antibody 10208-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-EFTUD2 (IP:10208-1-AP, 3ug; Detection:10208-1-AP 1:1000) with HeLa cells lysate 4650ug.



HeLa cells were subjected to SDS PAGE followed by western blot with 10208-1-AP(EFTUD2 antibody) at dilution of 1:1000

Background

EFTUD2 encodes the 116 kDa U5 small nuclear ribonecleoprotein (snRNP) component, also named SNU114, it has GTP binding activity and is required for pre-mRNA splicing. Evolutionarily conserved human snRNP protein (U5-116kDa) is homologous to the ribosomal elongation factor EF-2 (ribosomal translocase). Defects in EFTUD2 are the cause of mandibulofacial dysostosis with microcephaly (MFDM). So far, acetylation and phosphorylation sites of EFTUD2 have been identified. Catolog#10208-1-AP is a rabbit polyclonal antibody raised against the N-terminal of human EFTUD2.

Applications

Tested applications:	**ELISA, WB, IF, IP**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human, mouse**
Caculated EFTUD2 MW:	**116 kDa**
Observed EFTUD2 MW:	**116 kDa**
Positive WB detected in	**HeLa cells**
Positive IP detected in	**HeLa cells**
Positive IF detected in	**HepG2 cells**
Recommended dilution:	**WB: 1:500-1:5000**
	IP: 1:500-1:5000
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	**Ag0279**
GenBank accession number:	**BC002360**
Gene ID (NCBI):	**9343**
Full name:	**Elongation factor Tu GTP binding domain containing 2**

Product information

Purification method:	**Antigen affinity purification**
Storage:	**PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.**