

IMP3 Polyclonal Antibody

Catalog number: 12750-1-AP

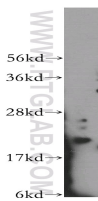
Size: 24 µg/150 µl

Source: Rabbit

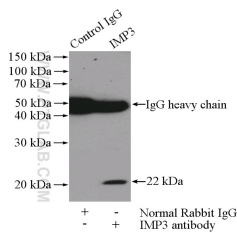
Isotype: IgG

Synonyms:

IMP3; BRMS2, C15orf12,
DKFZp586L0118, FLJ10968,
IMP3, MRPS4, U3 snoRNP
protein IMP3



HeLa cells were subjected to SDS PAGE followed by western blot with 12750-1-AP (IMP3 antibody) at dilution of 1:500



IP Result of anti-IMP3 (IP:12750-1-AP, 3µg; Detection:12750-1-AP 1:500) with HeLa cells lysate 1200µg.

Background

IMP3 is a member of the insulin-like growth factor (IGF-II) mRNA binding protein (IMP) family that consist of IMP1, IMP2, and IMP3. IMP3 is an oncofetal protein associated with aggressive and advanced tumors and is specifically expressed in malignant tumors but not found in benign tissues [PMID:22497850]. IMP3 forms a ternary complex with IMP4 and MPP10 (MPHOSPH10) that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing [PMID: 12655004].

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated IMP3 MW:	184aa, 22 kDa
Observed IMP3 MW:	22 kDa
Positive WB detected in	HeLa cells, MCF7 cells
Positive IP detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000

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

Immunogen information

Immunogen:	Ag3477
GenBank accession number:	BC020557
Gene ID (NCBI):	55272
Full name:	IMP3, U3 small nucleolar ribonucleoprotein, homolog (yeast)

Product information

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