

FKBP7 Polyclonal Antibody

Catalog number: 12092-1-AP

Size: 26 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

FKBP7; 23 kDa FK506 binding

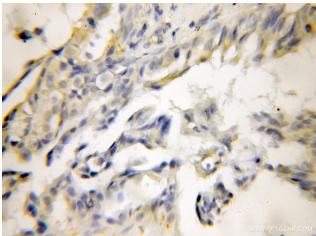
protein, 23 kDa FKBP, FK506

binding protein 7, FKBP 23,

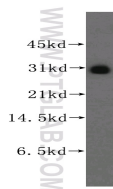
FKBP 7, FKBP23, FKBP7,

PPlase, PPlase FKBP7,

Rotamase



Immunohistochemical of paraffin-embedded human lung cancer using 12092-1-AP(FKBP7 antibody) at dilution of 1:50 (under 10x lens)



human lung tissue were subjected to SDS PAGE followed by western blot with 12092-1-AP(FKBP7 antibody) at dilution of 1:500

Background

FKBP7(FK506-binding protein 7) is also named as FKBP23 and belongs to immunophilin class of proteins family. This protein contains an N-terminal hydrophobic signal sequence, a PPlase motif, 2 EF-hand domains, and 2 putative N-glycosylation sites. The calculated molecular mass is about 25 kD, but becomes 33 kD following cleavage of the signal sequence(PMID:9806833). It could bind to BiP in ER in a process regulated by the concentration of Ca²⁺(PMID:22269648). It has 3 isoforms produced by alternative splicing.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated FKBP7 MW:	259aa, 30 kDa
Observed FKBP7 MW:	30 kDa
Positive WB detected in	Human lung tissue, human heart tissue
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2733
GenBank accession number:	BC009711
Gene ID (NCBI):	51661
Full name:	FK506 binding protein 7

Product information

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