

KIAA0427 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56486

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O43310
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	67587

Additional Information

Gene ID	9811
Other Names	CBP80/20-dependent translation initiation factor, CTIF, KIAA0427
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CTIF
Synonyms	KIAA0427
Function	Specifically required for the pioneer round of mRNA translation mediated by the cap-binding complex (CBC), that takes place during or right after mRNA export via the nuclear pore complex (NPC). Acts via its interaction with the NCBP1/CBP80 component of the CBC complex and recruits the 40S small subunit of the ribosome via eIF3. In contrast, it is not involved in steady state translation, that takes place when the CBC complex is replaced by cytoplasmic cap-binding protein eIF4E. Also required for nonsense-mediated mRNA decay (NMD), the pioneer round of mRNA translation mediated by the cap-binding complex playing a central role in nonsense-mediated mRNA decay (NMD).
Cellular Location	Cytoplasm, perinuclear region
Tissue Location	Widely expressed..

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