

eIF3K rabbit pAb

Cat No.: ES2245

For research use only

Overview

Product Name eIF3K rabbit pAb

Host species Rabbit
Applications WB;ELISA
Species Cross-Reactivity Human;Mouse

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not

yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human EIF3K. AA

range:61-110

Specificity eIF3K Polyclonal Antibody detects endogenous

levels of eIF3K protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Eukaryotic translation initiation factor 3 subunit K

Gene Name EIF3K

Cellular localization Nucleus . Cytoplasm .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 30kD
Human Gene ID 27335
Human Swiss-Prot Number Q9UBQ5

Alternative Names EIF3K; EIF3S12; ARG134; HSPC029; MSTP001;

PTD001; Eukaryotic translation initiation factor 3 subunit K; eIF3k; Eukaryotic translation initiation factor 3 subunit 12; Muscle-specific gene M9

protein; PLAC-24; eIF-3 p25; eIF-3 p28

Background The 700-kD eukaryotic translation initiation factor-3

(eIF3) is the largest eIF and contains at least 12 subunits, including EIF2S12. eIF3 plays an essential

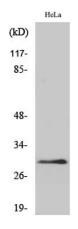


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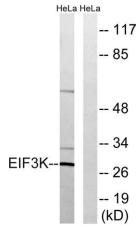


role in translation by binding directly to the 40S ribosomal subunit and promoting formation of the 40S preinitiation complex (Mayeur et al., 2003 [PubMed 14519125]).[supplied by OMIM, Mar 2008],

Western Blot analysis of various cells using eIF3K Polyclonal Antibody diluted at 1:1000



Western blot analysis of lysates from HeLa cells, using EIF3K Antibody. The lane on the right is blocked with the synthesized peptide.



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