ARG57492
anti-PPIE antibody [17E8]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [17E8] recognizes PPIE
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	17E8
Isotype	IgG1, kappa
Target Name	PPIE
Species	Human
Immunogen	Recombinant Human PPIE (aa. 1-301aa) purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	Cyclophilin-33; CYP-33; Cyclophilin E; PPIase E; EC 5.2.1.8; Peptidyl-prolyl cis-trans isomerase E; CYP33; Rotamase E

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

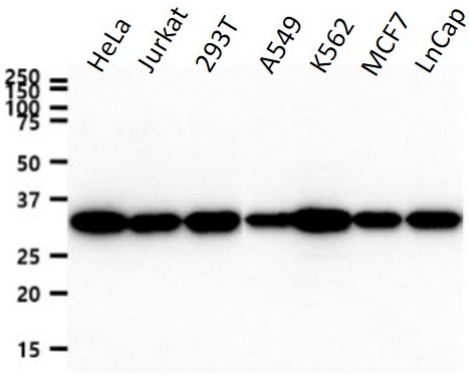
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PPIE
Gene Full Name	peptidylprolyl isomerase E (cyclophilin E)
Background	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was shown to possess PPIase and protein folding activities, and it also exhibits RNA-binding activity. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 1, has been identified. [provided by RefSeq, Aug 2010]
Function	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Combines RNA-binding and PPIase activities. May be involved in muscle- and brain-specific processes. May be involved in pre-mRNA splicing. [UniProt]
Calculated Mw	33 kDa

Images



ARG57492 anti-PPIE antibody [17E8] WB image

Western blot: 40 µg of HeLa, Jurkat, 293T, A549, K562, MCF7 and LnCap cell lysates stained with ARG57492 anti-PPIE antibody [17E8] at 1:1000 dilution.