

Anti-eEF2K (Ser-445), Phosphospecific Antibody



Product Details

Available Variants	100 µL (SKU:EP5461)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	EEF2K
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Frog, Human, Mouse, Rat
Immunogen	Phospho-eEF2K (Ser-445) synthetic peptide (coupled to carrier protein) corresponds to amino acids surrounding Ser-445 in human eEF2K. This sequence is well conserved in rat, mouse, and fish eEF2K, and has low homology to other proteins.
Specificity	The antibody was cross-absorbed to unphosphorylated eEF2K (Ser-445) before affinity purification using phospho-eEF2K (Ser-445) peptide (without carrier). This antibody detects a 105 kDa* protein corresponding to the molecular mass of eEF2K on SDS-PAGE immunoblots of Jurkat cells treated with Calyculin A, and this reactivity is removed after lambda phosphatase treatment.
Molecular Weight	105
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID O00418

Country of Origin United States

Shipping Blue Ice

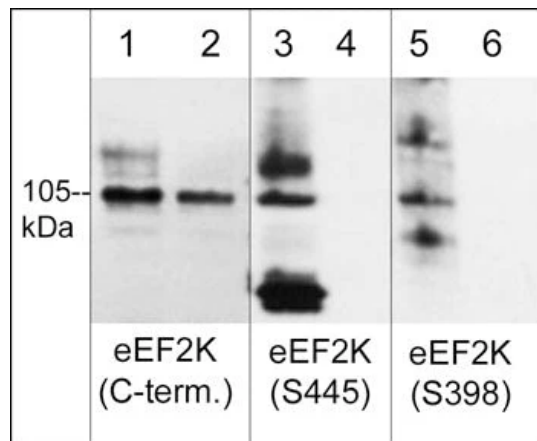
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Post Translational Modification Type Phosphorylated

Post Translational Modification Residue Ser-445

Product Images



Western blot image of human Jurkat cells treated with calyculin A (100 nM) for 30 min. (lanes 1-6), then some lanes of the blot were treated with lambda phosphatase (lanes 2, 4 & 6). The blot was probed with rabbit polyclonals anti-eEF2K (C-terminus) (lanes 1 & 2), anti-eEF2K (Ser-445) phospho-specific (lanes 3 & 4), and anti-eEF2K (Ser-398) phospho-specific (lanes 5 & 6).

Product Page URL: www.antibodiesinc.com/products/anti-eef2k-ser-445-phosphospecific-antibody-ep5461



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