

eEF2 Antibody | anti-eEF2 antibody

eEF2 (Phospho-Thr56) Antibody

CATALOG # AAA267351	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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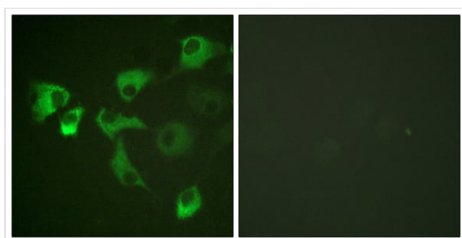
PRODUCT SYNONYMS

eEF2; eEF2 (Phospho-Thr56) Antibody; EEF2; EF-2; EF2; Elongation factor 2; anti-eEF2 antibody

PRODUCT SPECIFICATIONS

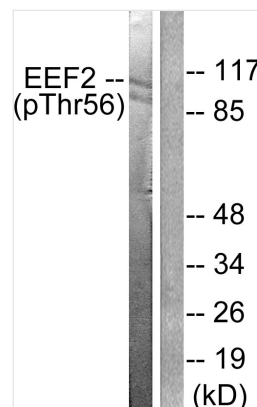
Reactivity	Human, Mouse, Rat
Specificity	eEF2 (Phospho-Thr56) antibody detects endogenous levels of eEF2 only when phosphorylated at threonine 56.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	858
Applicable Applications for anti-eEF2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human eEF2 around the phosphorylation site of threonine 56 (R-F-TP-D-T).
All Sites	Human: Thr56 Mouse: Thr56 Rat: Thr56
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



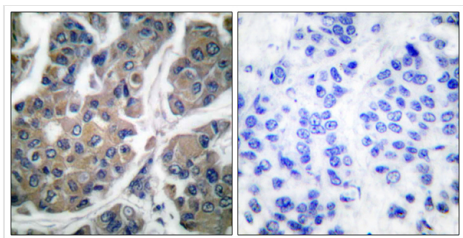
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HuvEc cells, using eEF2 (Phospho-Thr56) antibody (#A0070).



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells treated with serum (10%, 30mins), using eEF2 (Phospho-Thr56) antibody (#A0070).



IHC (Immunohistochemistry)
P-peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using eEF2 (Phospho-Thr56) antibody (#A0070).

ADDITIONAL INFORMATION

References	David M. Thomson, FASEB J, Mar 2006; 20: A819. Scott E. Gordon, FASEB J, Mar 2006; 20: A819. Xu Li, FEBS J., Aug 2005; 272: 4211-4220. Adam J. Rose, J. Physiol., Nov 2005; 569: 223-228.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503483
NCBI GeneID	1938
NCBI Accession #	NP_001952.1
NCBI GenBank Nucleotide #	NM_001961.3
UniProt Accession #	P13639; Q58J86; B2RMP5; D6W618
Molecular Weight	95,338 Da
NCBI Official Full Name	elongation factor 2
NCBI Official Synonym Full Names	eukaryotic translation elongation factor 2
NCBI Official Symbol	EEF2
NCBI Official Synonym Symbols	EF2; EF-2; EEF-2; SCA26
NCBI Protein Information	elongation factor 2
UniProt Protein Name	Elongation factor 2
UniProt Gene Name	EEF2
UniProt Synonym Gene Names	EF2; EF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.