Datasheet for ABIN1531226

anti-EEF2 antibody (pThr56)

3 Images

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Overview

Quantity:	100 µL
Target:	EEF2
Binding Specificity:	AA 31-80, pThr56
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human eEF2 around the phosphorylation site of Thr56.
Isotype:	IgG
Specificity:	eEF2 (Phospho-Thr56) Antibody detects endogenous levels of eEF2 only when phosphorylated at Thr56. PhosphorylationH:T56 M:T56 R:T56
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

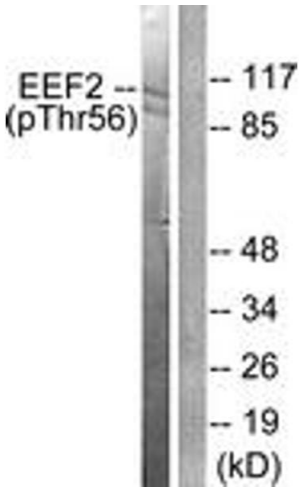
Target:	EEF2
Alternative Name:	eEF2 (EEF2 Products)
Background:	Synonyms: EEF2, EF-2, EF2, Elongation factor 2 NCBI Gene Symbol: EEF2
Molecular Weight:	95 kDa
Gene ID:	1938
OMIM:	130610
UniProt:	P13639
Pathways:	AMPK Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.515070 (NCBI Gene Symbol: EEF2)
Restrictions:	For Research Use only

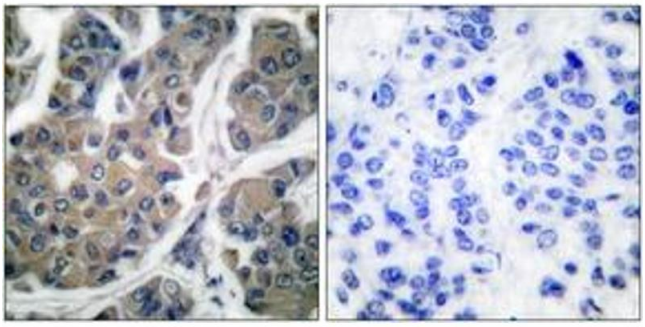
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



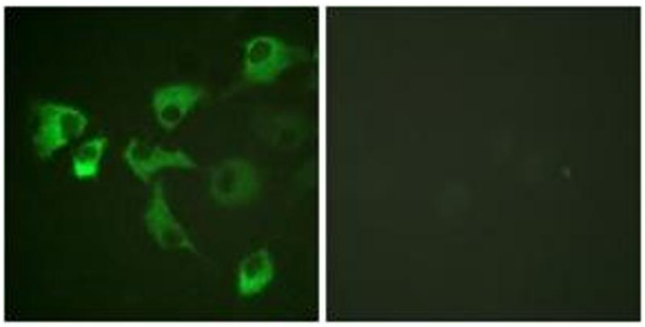
Western Blotting

Image 1. Western blot analysis of extracts from NIH-3T3 cells treated with Serum 10% 30', using eEF2 (Phospho-Thr56) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using eEF2 (Phospho-Thr56) Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of HuvEc cells, using eEF2 (Phospho-Thr56) Antibody. The picture on the right is treated with the synthesized peptide.

