

Datasheet for ABIN1531825
anti-EIF4E antibody (pSer209)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	EIF4E
Binding Specificity:	AA 168-217, pSer209
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF4E antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human eIF4E around the phosphorylation site of Ser209.
Isotype:	IgG
Specificity:	eIF4E (Phospho-Ser209) Antibody detects endogenous levels of eIF4E only when phosphorylated at Ser209. PhosphorylationH:S209 M:S209 R:S209
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

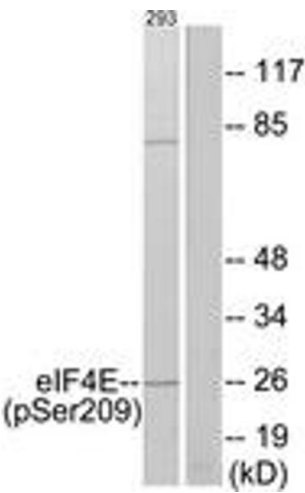
Target:	EIF4E
Alternative Name:	eIF4E (EIF4E Products)
Background:	Synonyms: Eukaryotic translation initiation factor 4E, eIF-4E, eIF4E, mRNA cap-binding protein, eIF-4F 25 kDa subunit, EIF4E, EIF4EL1, EIF4F NCBI Gene Symbol: EIF4E
Molecular Weight:	25 kDa
Gene ID:	1977
OMIM:	133440
UniProt:	P06730
Pathways:	BCR Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.249718 (NCBI Gene Symbol: EIF4E)
Restrictions:	For Research Use only

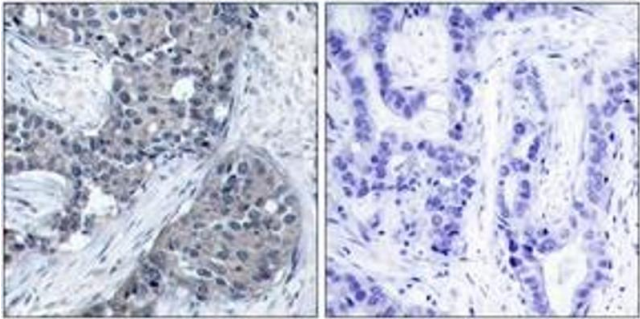
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 293 cells treated with Anisomycin 25ug/ml 30', using eIF4E (Phospho-Ser209) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using eIF4E (Phospho-Ser209) Antibody. The picture on the right is treated with the synthesized peptide.