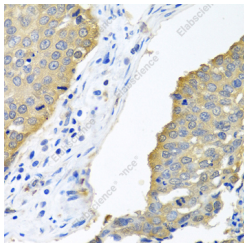
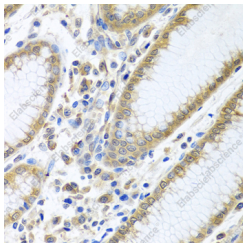
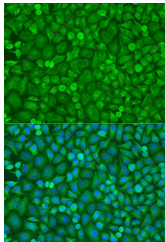


(KO Validated) EIF4E Polyclonal Antibody

catalog number: E-AB-60650

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human EIF4E (NP_001959.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
IHC	1:50-1:100
IF	1:50-1:200

Data	
 Immunohistochemistry of paraffin-embedded Human lung cancer using EIF4E Polyclonal Antibody at dilution of 1:100 (40x lens).	 Immunohistochemistry of paraffin-embedded Human stomach using EIF4E Polyclonal Antibody at dilution of 1:100 (40x lens).
 Immunofluorescence analysis of U2OS cells using EIF4E Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.	

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.7

The protein encoded by this gene is a component of the eukaryotic translation initiation factor 4F complex, which recognizes the 7-methylguanosine cap structure at the 5' end of messenger RNAs. The encoded protein aids in translation initiation by recruiting ribosomes to the 5'-cap structure. Association of this protein with the 4F complex is the rate-limiting step in translation initiation. This gene acts as a proto-oncogene, and its expression and activation is associated with transformation and tumorigenesis. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants.