



# ELK Biotechnology

**4E-BP1 Rabbit pAb**  
**Catalog Number: ES1550**  
**For research use only.**

## Overview

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<b>Product Name</b>	4E-BP1 polyclonal antibody
<b>Host species</b>	Rabbit
<b>Applications</b>	<b>WB,IHC-p,ELISA</b>
<b>Species Cross-Reactivity</b>	<b>Human,Mouse,Rat</b>
<b>Recommended dilutions</b>	<b>Western Blot:1/500-1/2000</b> <b>Immunohistochemistry:1/100-1/300</b> <b>ELISA:1/20000</b>
<b>Immunogen</b>	Synthesized peptide derived from human 4E-BP1 around the non-phosphorylation site of T46.
<b>Specificity</b>	4E-BP1 Polyclonal Antibody detects endogenous levels of 4E-BP1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Protein Name</b>	4E-BP1
<b>Gene Name</b>	EIF4EBP1
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	<b>18kDa</b>
<b>Human Gene ID</b>	1978
<b>Human Swiss-Prot Number</b>	Q13541
<b>Alternative Names</b>	EIF4EBP1; Eukaryotic translation initiation factor 4E-binding protein 1; 4E-BP1; eIF4E-binding protein 1; Phosphorylated heat- and acid-stable protein regulated by insulin 1; PHAS-I