



# EBP1 rabbit pAb

Cat No.:ES6453

For research use only

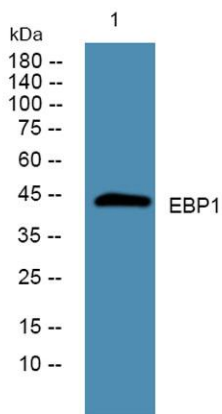
## Overview

<b>Product Name</b>	EBP1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PA2G4. AA range:181-230
<b>Specificity</b>	EBP1 Polyclonal Antibody detects endogenous levels of EBP1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Proliferation-associated protein 2G4
<b>Gene Name</b>	PA2G4
<b>Cellular localization</b>	[Isoform 1]: Cytoplasm . Nucleus, nucleolus . Translocates to the nucleus upon treatment with HRG. Phosphorylation at Ser-361 by PKC/PRKCD regulates its nucleolar localization. . ; [Isoform 2]: Cytoplasm .
<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>	44kD
<b>Human Gene ID</b>	5036
<b>Human Swiss-Prot Number</b>	Q9UQ80
<b>Alternative Names</b>	PA2G4; EBP1; Proliferation-associated protein 2G4; Cell cycle protein p38-2G4 homolog; hG4-1; ErbB3-binding protein 1
<b>Background</b>	This gene encodes an RNA-binding protein that is





involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

