



p23 (phospho Ser113) rabbit pAb

Cat No.:ES4544

For research use only

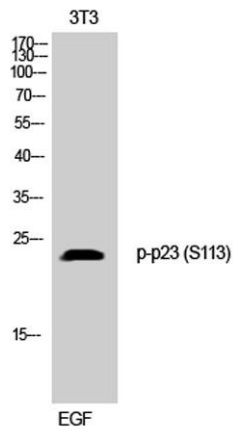
Overview

Product Name	p23 (phospho Ser113) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TEBP around the phosphorylation site of Ser113. AA range:79-128
Specificity	Phospho-p23 (S113) Polyclonal Antibody detects endogenous levels of p23 protein only when phosphorylated at S113.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Prostaglandin E synthase 3
Gene Name	PTGES3
Cellular localization	Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	24kD
Human Gene ID	10728
Human Swiss-Prot Number	Q15185
Alternative Names	PTGES3; P23; TEBP; Prostaglandin E synthase 3; Cytosolic prostaglandin E2 synthase; cPGES; Hsp90 co-chaperone; Progesterone receptor complex p23; Telomerase-binding protein p23
Background	This gene encodes an enzyme that converts prostaglandin endoperoxide H2 (PGH2) to



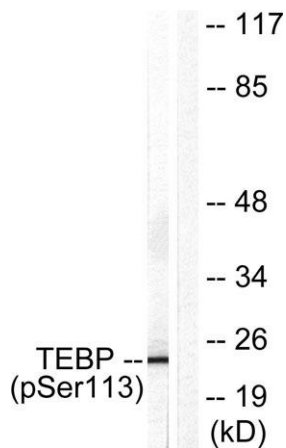
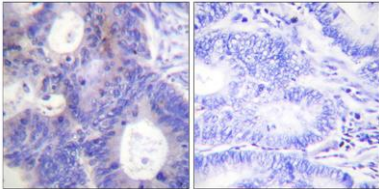


prostaglandin E2 (PGE2). This protein functions as a co-chaperone with heat shock protein 90 (HSP90), localizing to response elements in DNA and disrupting transcriptional activation complexes. Alternative splicing results in multiple transcript variants. There are multiple pseudogenes of this gene on several different chromosomes. [provided by RefSeq, Feb 2016],



Western Blot analysis of 3T3 cells using Phospho-p23 (S113) Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using TEBP (Phospho-Ser113) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells treated with EGF 200ng/ml 30', using TEBP (Phospho-Ser113) Antibody. The lane on the right is blocked with the phospho peptide.

