



p23 Polyclonal Antibody

Catalog No	YP-Ab-02729
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	PTGES3
Immunogen	The antiserum was produced against synthesized peptide derived from human TEBP. AA range:79-128
Specificity	p23 Polyclonal Antibody detects endogenous levels of p23 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	cPGES;EC:5.3.99.3;Hsp90 co chaperone;Hsp90 co-chaperone;P23;PTGES3; Prostaglandin E synthase 3;TEBP;Cytosolic prostaglandin E2 synthase; Progesterone receptor complex p23;Telomerase-binding protein p23
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Embryonic kidney,Epithelium,Liver,Lung,Pituitary,Platelet,T-cell,Testis,Uri
Function	catalytic activity:(5Z,13E)-(15S)-9-alpha,11-alpha-epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11-alpha,15-dihydroxy-9-oxoprostanoate, function:Molecular chaperone that localizes to genomic response elements in a hormone-dependent manner and disrupts receptor-mediated transcriptional activation, by promoting disassembly of transcriptional regulatory complexes.,pathway:Lipid metabolism; prostaglandin biosynthesis., similarity:Belongs to the p23/wos2 family.,similarity:Contains 1 CS domain., subunit:Binds to telomerase and to the progesterone receptor.,

**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],

matters needing attention

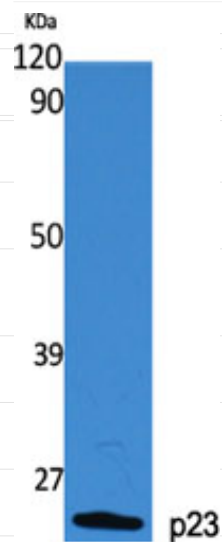
Avoid repeated freezing and thawing!

Usage suggestions

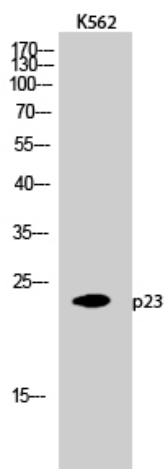
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



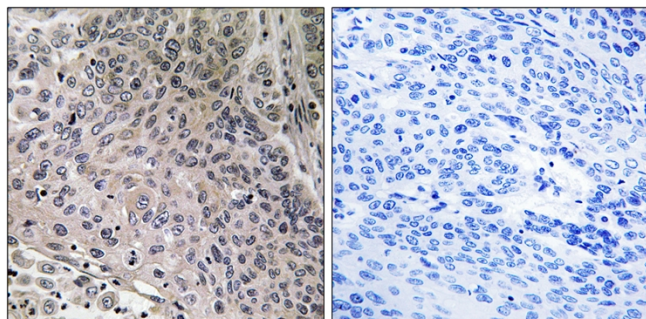
Products Images



Western Blot analysis of various cells using p23
Polyclonal Antibody diluted at 1:2000



Western Blot analysis of K562 cells using p23
Polyclonal Antibody diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded
human breast carcinoma tissue, using TEBP Antibody.
The picture on the right is blocked with the synthesized
peptide.



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

