

Rabbit anti-Human p23/PTGES3 Polyclonal Antibody | anti-PTGES3 antibody

Anti-p23/PTGES3 Antibody, Rabbit Polyclonal

CATALOG # AAA254968	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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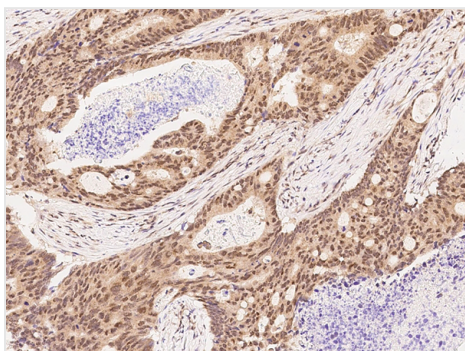
PRODUCT SYNONYMS

p23/PTGES3; Polyclonal Antibody; Anti-p23/PTGES3 Antibody; Rabbit Polyclonal; PTGES3 Antibody; Rabbit PAb; Antigen Affinity Purified; prostaglandin E synthase 3 (cytosolic); Anti-cPGES Antibody; Anti-P23 Antibody; Anti-TEBP Antibody; anti-PTGES3 antibody

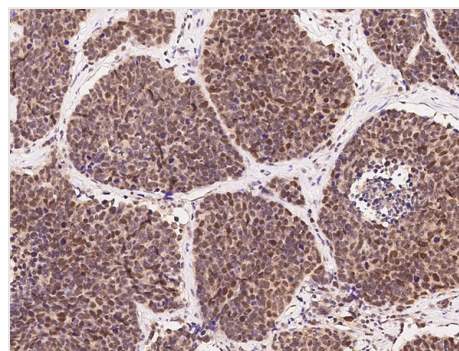
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PTGES3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PTGES3 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human PTGES3
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human PTGES3, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human PTGES3 in human colon carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining of human PTGES3 in human lung cancer with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGES3 antibody	PTGES3 (Prostaglandin E Synthase 3) is a Protein Coding gene. The PTGES3 gene, located on 12q13.3, is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, and frog. 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. PTGES3 is widely expressed in the ovary, endometrium, and other tissues. Among its related pathways are Arachidonic acid metabolism and Cytochrome P450-arranged by substrate type. 226 organisms have orthologs with the human gene PTGES3.
Product Categories/Family for anti-PTGES3 antibody	Neurotransmitter Associated Enzymes
References	Chaudhry UA, et al. (2009) Cytosolic prostaglandin e synthase: Expression patterns in control and alzheimer's disease brains. Am J Alzheimers Dis Other Demen 24 (1): 46-51.Cano LQ, et al. (2015) The co-chaperone p23 promotes prostate cancer motility and metastasis. Mol Oncol 9 (1): 295-308.Bharadwaj S, et al. (2019) Computational aided mechanistic understanding of camellia sinensis bioactive compounds against co-chaperone p23 as potential anticancer agent. J Cell Biochem 120 (11): 19064-19075.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23308579
NCBI GeneID	10728
NCBI Accession #	NP_006592.3
NCBI GenBank Nucleotide #	NM_006601.5
UniProt Accession #	Q15185; Q8WU70; A8K7D0
Molecular Weight	18,697 Da
NCBI Official Full Name	prostaglandin E synthase 3
NCBI Official Synonym Full Names	prostaglandin E synthase 3 (cytosolic)
NCBI Official Symbol	PTGES3
NCBI Official Synonym Symbols	P23; TEBP; cPGES
NCBI Protein Information	prostaglandin E synthase 3; Hsp90 co-chaperone; telomerase-binding protein p23; progesterone receptor complex p23; cytosolic prostaglandin E synthase; cytosolic prostaglandin E2 synthase; inactive progesterone receptor, 23 kD
UniProt Protein Name	Prostaglandin E synthase 3
UniProt Gene Name	PTGES3
UniProt Synonym Gene Names	P23; TEBP; cPGES
UniProt Entry Name	TEBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.