

PAA699Hu02

Polyclonal Antibody to Prostaglandin Endoperoxide Synthase 2 (PTGS2)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



#### [PROPERTIES]

Source: Polyclonal antibody preparation

**Host:** Rabbit

**Purification:** Antigen-specific Affinity Chromatography.

Traits: Liquid

Concentration: 500µg/mL

**UOM**: 100µg

Applications: WB; ICC; IHC-P; IHC-F; ELISA.

### [ IMMUNOGEN ]

Immunogen: Recombinant PTGS2 (Gly418~Asp589) expressed in E.coli.

Accession No.: RPA699Hu02

### [APPLICATIONS]

Western blotting: 1-5ug/ml

Immunocytochemistry in formalin fixed cells: 5-20ug/ml

Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml

Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml

Optimal working dilutions must be determined by end user.

#### [FORMULATION]

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

#### [STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 4°C for frequent use.

Aliquot and store at -20°C for two years.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were

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observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

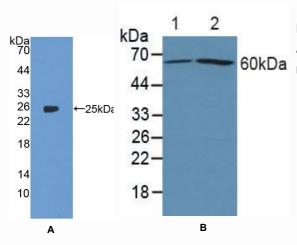


Figure 1. Western Blot

A. Sample: Recombinant PTGS2, Human

B. Lane1: Human 293T cells

Lane2: Human Hela Cells

Primary Ab: 3µg/mL Rabbit Anti-Human PTGS2 Ab

Second Ab: 1:2000 Dilution of HRP-Linked Guinea pig

Anti-Rabbit Ab (Catalog: SAA544Rb59)

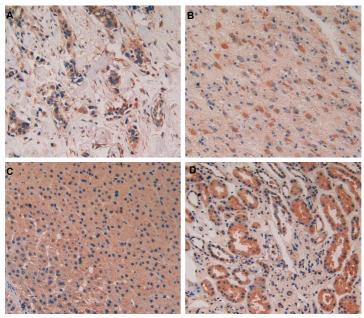


Figure 2. DAB staining on IHC-P

#### Samples:

- A. Human Breast Cancer Tissue
- 3. Human Glioma Tissue
- C. Human Liver Tissue
- D. Human Kidney Tissue