

For Research Use Only

# GSTA4 Polyclonal ANTIBODY



Catalog Number: 17271-1-AP **6 Publications**

## Basic Information

**Catalog Number:**

17271-1-AP

**Size:**

150UL, Concentration: 280 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG11028

**GenBank Accession Number:**

BC015523

**GeneID (NCBI):**

2941

**Full Name:**

glutathione S-transferase alpha 4

**Calculated MW:**

222 aa, 27 kDa

**Observed MW:**

27 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IF 1:50-1:500

## Applications

**Tested Applications:**

IF, IP, WB, ELISA

**Cited Applications:**

IHC, WB

**Species Specificity:**

human

**Cited Species:**

human, mouse

**Positive Controls:**

WB: human brain tissue,

IP: SH-SY5Y cells,

IF: HEK-293 cells,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
C T Shearn	26518673	Free Radic Biol Med	WB
Colin T Shearn	29180269	Exp Mol Pathol	WB
Colin T Shearn	24818992	PLoS One	

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

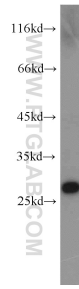
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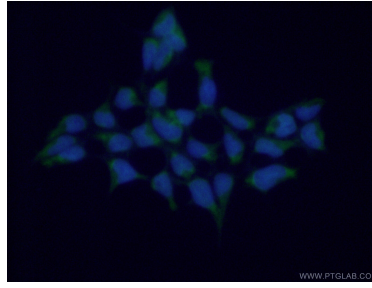
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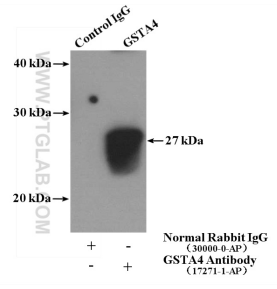
## Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 17271-1-AP (GSTA4 antibody) at dilution of 1:1200 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 17271-1-AP (GSTA4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-GSTA4 (IP:17271-1-AP, 4ug; Detection:17271-1-AP 1:500) with SH-SY5Y cells lysate 1600ug.