



Rabbit Anti-PAG608 antibody

SL0942R

Product Name PAG608**Chinese Name** 野生型 P53 诱导基因 1 抗体**Alias** WIG-1; p53 activated gene 608; PAG608; FLJ12296; MGC10613; OTTHUMP00000211906; OTTHUMP00000211907; p53-activated gene 608 protein; PAG 608; WIG 1; Zinc finger matrin-type protein 3; Zinc finger protein WIG-1; ZMAT3_HUMAN; p53 inducible zinc finger protein; p53 target zinc finger protein; PAG 608; WIG 1; WIG 1/PAG608 protein; WIG1; WIG1/PAG608 protein; Zinc finger matrin type 3; Zinc finger protein WIG 1; Zinc finger protein WIG1; ZMAT 3; ZMAT3.**Research Area** Cell biology Signal transduction Apoptosis**Immunogen Species** Rabbit**Clonality** Polyclonal**React Species** Human, Mouse, (predicted: Rat, Chicken, Dog, Cow, Horse,)
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.**Theoretical molecular weight** 32kDa**Cellular localization** The nucleus**Form** Liquid**Concentration** 1mg/ml**immunogen** KLH conjugated synthetic peptide derived from human PAG608: 201-288/288**Lsotype** IgG**Purification** affinity purified by Protein A**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

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This gene encodes a protein containing three zinc finger domains and a nuclear localization signal. The mRNA and the protein of this gene are upregulated by wildtype p53 and overexpression of this gene inhibits tumor cell growth, suggesting that this gene may have a role in the p53-dependent growth regulatory pathway. Alternative splicing of this gene results in two transcript variants encoding two isoforms differing in only one amino acid.

Function:

Acts as a bona fide target gene of p53/TP53. May play a role in the TP53-dependent growth regulatory pathway. May contribute to TP53-mediated apoptosis by regulation of TP53 expression and translocation to the nucleus and nucleolus.

Subunit:

Interacts with dsRNA.

Subcellular Location:

Nucleus. Nucleus, nucleolus.

**Product
Detail**

Tissue Specificity:

Highly expressed in adult brain, and moderately in adult kidney and testis. Not detected in fetal brain, heart, pancreas, adrenal gland, liver or small intestine.

Similarity:

Contains 3 matrin-type zinc fingers.

SWISS:

Q9HA38

Gene ID:

64393

Database links:

[Entrez Gene: 538512](#) Cow

[Entrez Gene: 64393](#) Human

[Entrez Gene: 22401](#) Mouse

[Entrez Gene: 64394](#) Rat

[Omim: 606452](#) Human

[SwissProt: Q0IIC4](#) Cow

[SwissProt: Q9HA38](#) Human

[SwissProt: O54836](#) Mouse

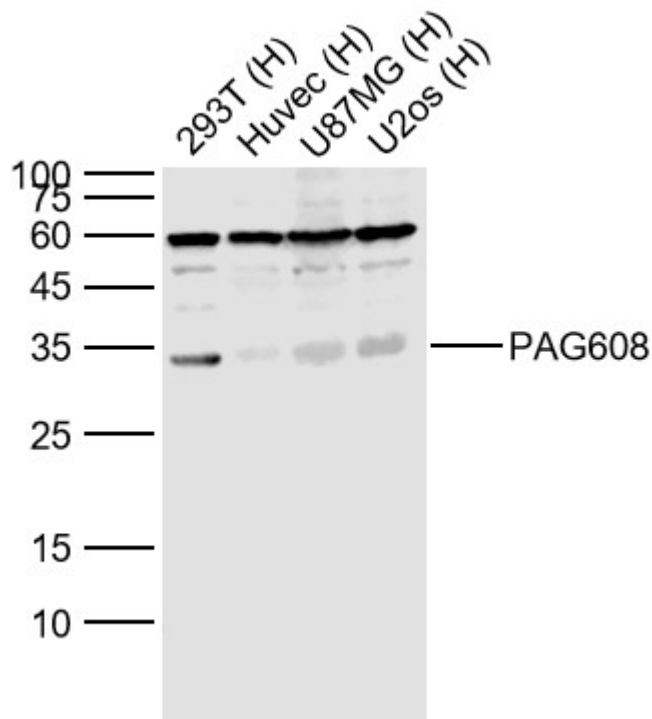
[SwissProt: O08781](#) Rat

[Unigene: 371609](#) Human

[Unigene: 35705](#) Mouse

[Unigene: 2925](#) Rat

**Product
Picture**



Sample:

Lane 1: 293T (Human) Cell Lysate at 30 ug

Lane 2: Huvec (Human) Cell Lysate at 30 ug

Lane 3: U87MG (Human) Cell Lysate at 30 ug

Lane 4: U2os (Human) Cell Lysate at 30 ug

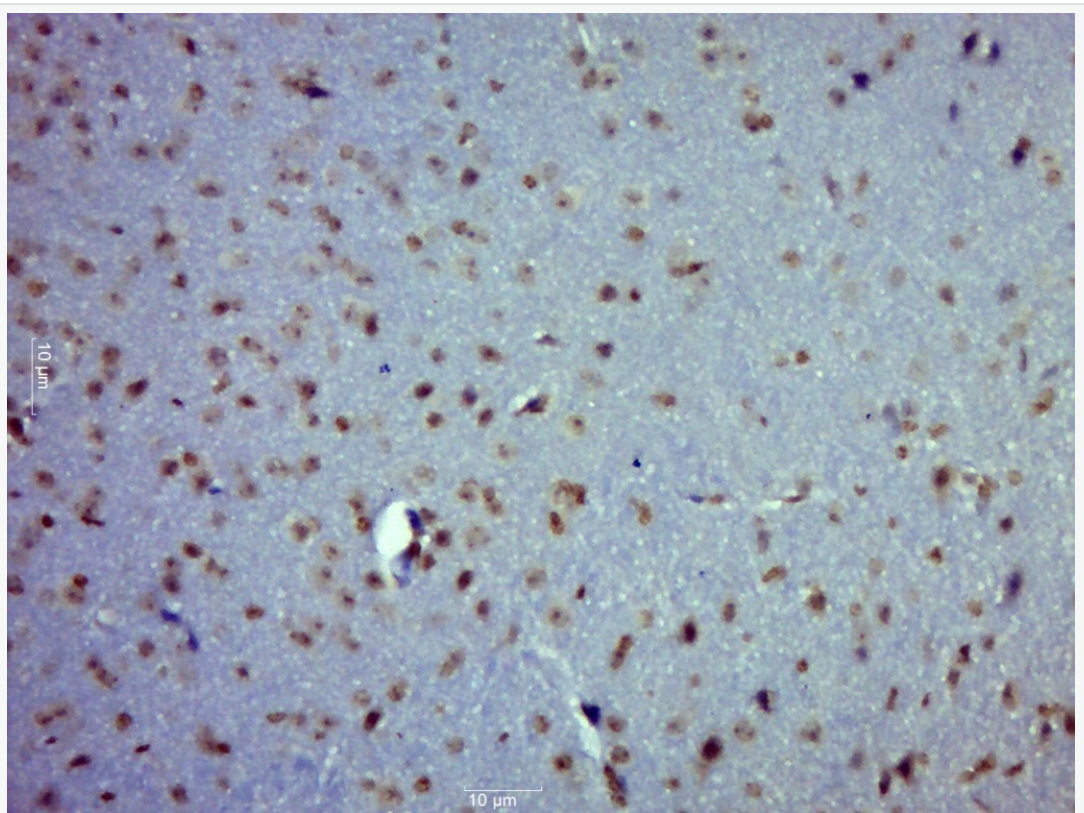
Primary:

Anti-PAG608 (SL0942R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 32 kD

Observed band size: 32 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase



by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PAG608) Polyclonal Antibody, Unconjugated (SL0942R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.