

Anti-Phospho-AKT3 (Ser472) Polyclonal Antibody

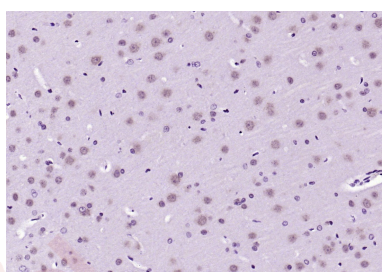
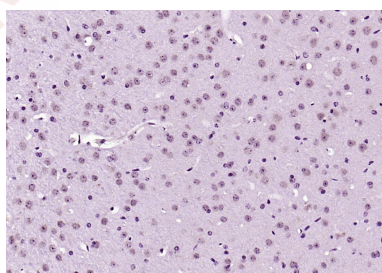
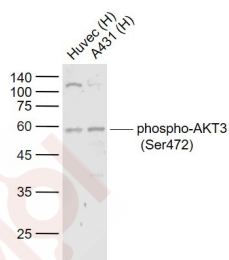
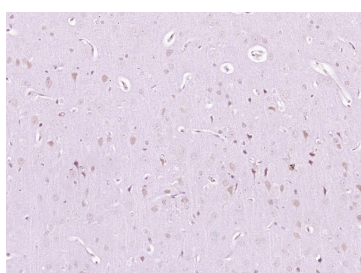
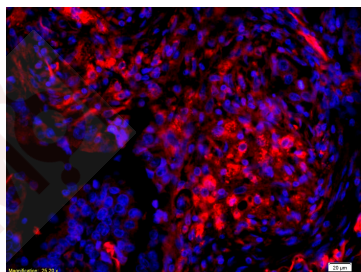
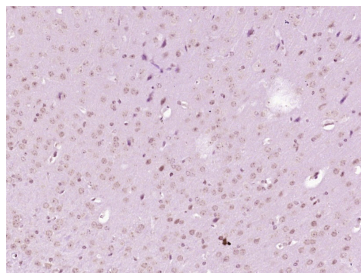
Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Chicken, Dog, Pig, Cow, Rabbit, Sheep)
Molecular Weight:	Theoretical: 56 kDa. Actual: 58 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (phospho-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (TMAB-01384) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
2. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-phospho-AKT3 (Ser472) Polyclonal Antibody, Unconjugated (TMAB-01384) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated used at 1:200 dilution for 40 minutes at 37°C. DAPI (5 µg/ml, blue) was used to stain the cell nucleus.
3. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (phospho-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (TMAB-01384) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
4. Sample:
Lane 1: Huvec (Human) Cell Lysate at 30 µg
Lane 2: A431 (Human) Cell Lysate at 30 µg
Primary: Anti-phospho-AKT3 (Ser472) (TMAB-01384) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 60 kDa
Observed band size: 58 kDa
5. Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (phospho-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (TMAB-01384) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (phospho-AKT3 (Ser472)) Polyclonal Antibody, Unconjugated (TMAB-01384) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

Verified Activity:



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated Synthesised phosphopeptide: human AKT3 around the phosphorylation site of Ser472

Antigen Species: Human

Uniprot ID: Q9Y243

Synonyms: v-akt murine thymoma viral oncogene homolog 3;D930002M15Rik;Nmf350;p-AKT3 (S472); AKT3 (p-S472);AKT3 (p-Ser472);AI851531;p-AKT3 (Ser472)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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