

Anti-HSP105 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 97 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-HSP105 Polyclonal Antibody, Unconjugated (TMAB-07331) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. 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 synthetic peptide: human HSP105
Antigen Species:	Human
Gene ID:	10808
Uniprot ID:	Q92598

Research Background

Heat Shock Proteins are ubiquitously expressed in all organisms. They are induced when a cell undergoes various types of environmental stresses like heat, cold and oxygen deprivation. They are characterized by their role as molecular chaperones.

Heat shock protein (HSP) 105 exists as two isoforms; alpha and beta which belong to the HSP105/HSP110 protein family. HSP105 acts as both a chaperone to prevent thermal aggregation of proteins and as a regulator of mammalian cells. The HSP105 isoforms are found in the cytoplasm but not in the nucleoli under non-stressed and stressed conditions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481