

Anti-PGAM2 Polyclonal Antibody

Cat: K108151P

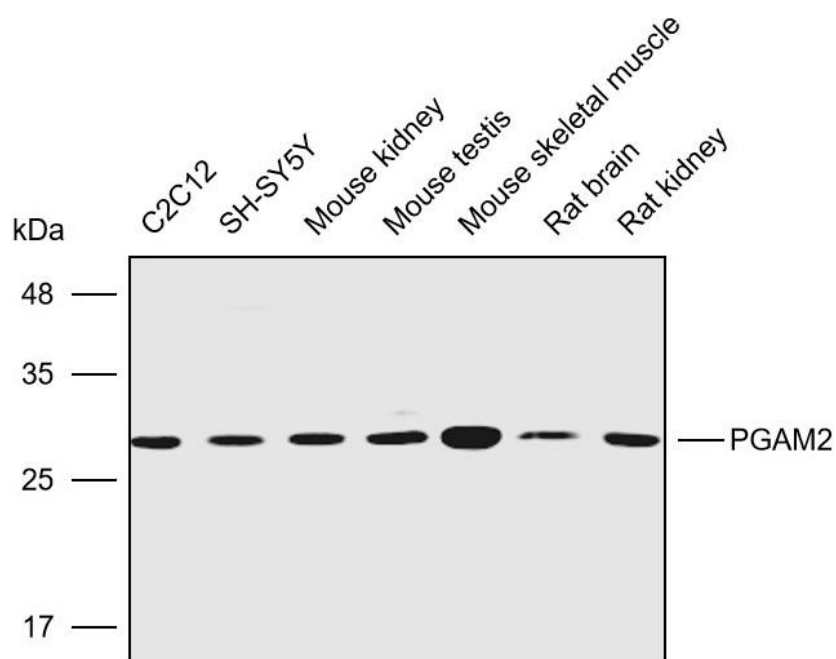
Summary:

【Product name】: Anti-PGAM2 antibody	【Source】: Rabbit
【Isotype】: IgG	【Species reactivity】: Human Mouse Rat
【Swiss Prot】: P15259	【Gene ID】: 5224
【Calculated】: MW:29kDa	【Observed】: MW:29kDa
【Purification】: Affinity purification	
【Tested applications】: WB IHC	
【Recommended dilution】: WB 1:1000-3000. IHC1:50-200.	
【WB Positive sample】: C2C12,SH-SY5Y,Mouse kidney,Mouse testis,Mouse skeletal muscle,Rat brain,Rat kidney	
【IHC Positive sample】: Human breast cancer	
【Subcellular location】: Cytoplasm	
【Immunogen】: Recombinant protein of human PGAM2	
【Storage】: Shipped at 4°C. Upon delivery aliquot and store at -20°C	

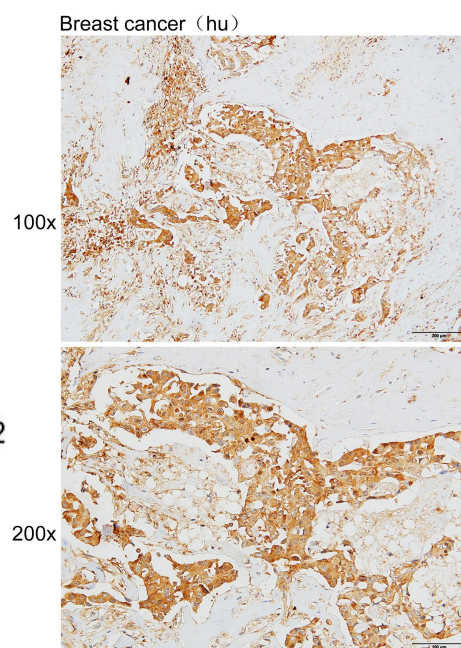
Background:

Phosphoglycerate mutase (PGAM) catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. The PGAM is a dimeric enzyme containing, in different tissues, different proportions of a slow-migrating muscle (MM) isozyme, a fast-migrating brain (BB) isozyme, and a hybrid form (MB). This gene encodes muscle-specific PGAM subunit. Mutations in this gene cause muscle phosphoglycerate mutase efficiency, also known as glycogen storage disease X.

Verified picture



Western blot analysis with PGAM2 antibody diluted at 1:2000; Lane: C2C12, SH-SY5Y, Mouse kidney, Mouse testis, Mouse skeletal muscle, Rat brain, Rat kidney



Immunohistochemistry of paraffin-embedded Human breast cancer with PGAM2 antibody diluted at 1:100