



cGAS rabbit pAb

Catalog No	YP-Ab-17228
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MB21D1 cGAS C6orf150
Protein Name	M21D1
Immunogen	Synthesized peptide derived from human M21D1 AA range: 35-85
Specificity	This antibody detects endogenous levels of M21D1 at Human
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Nucleus . Chromosome . Cell membrane ; Peripheral membrane protein . Cytoplasm, cytosol . Mainly localizes in the nucleus, and at low level in the cytosol (PubMed:31808743, PubMed:31544964). On chromosomes, enriched on centromeric satellite and LINE DNA repeat elements (PubMed:30811988). Exported from the nucleus to the cytosol in a XPO1/CRM1 via the nuclear export signal in response to DNA stimulation (PubMed:33406424). Outside the nucleus, localizes at the cell membrane as a peripheral membrane protein in resting conditions: association to the cell membrane is mediated via binding to phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) (PubMed:30827685). Localization at the cell membrane is required to limit the recognition of self-DNA (PubMed:30827685). Following detection of double-str
Tissue Specificity	Expressed in the monocytic cell line THP1.
Function	
Background	



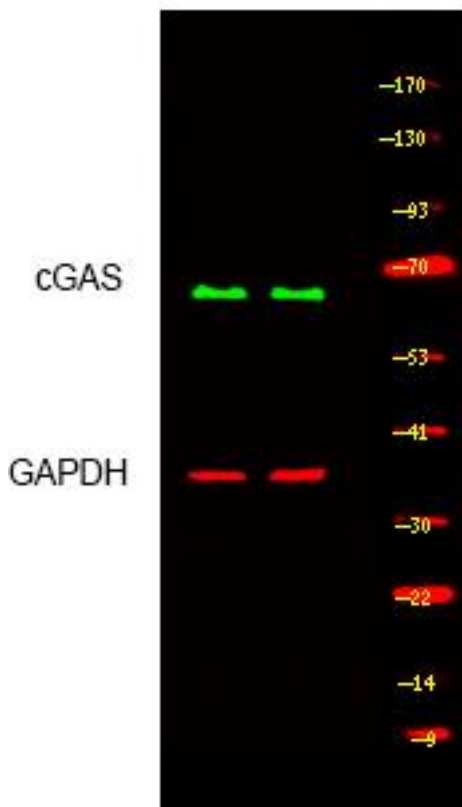
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from MCF-7 and THP1 cells, primary antibody was diluted at 1:1000, 4° over night