



## cGAS rabbit pAb

<b>Catalog No</b>	YP-Ab-17228
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	MB21D1 cGAS C6orf150
<b>Protein Name</b>	M21D1
<b>Immunogen</b>	Synthesized peptide derived from human M21D1 AA range: 35-85
<b>Specificity</b>	This antibody detects endogenous levels of M21D1 at Human
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	
<b>Cell Pathway</b>	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
<b>Tissue Specificity</b>	Expressed in the monocytic cell line THP1.
<b>Function</b>	
<b>Background</b>	



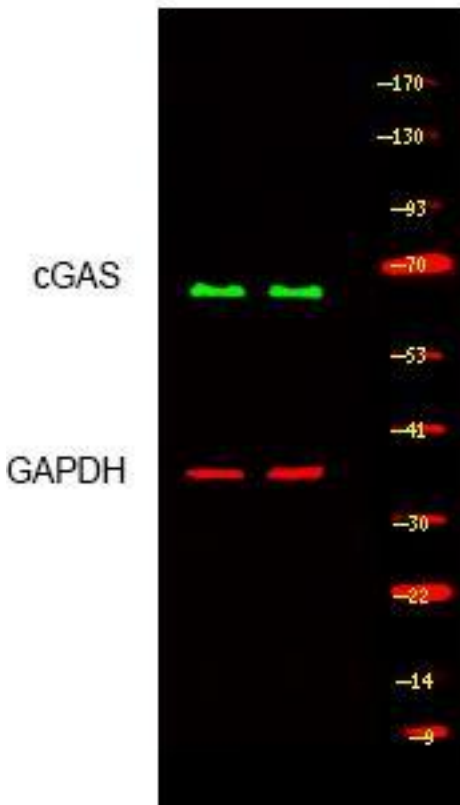
**matters needing attention**

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