## bs-13470R

## [ Primary Antibody ]

## BIOSS ANTIBODIES

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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal
GeneID: 2792
Target: GNGT1

**GNGT1** Rabbit pAb

**Immunogen:** KLH conjugated synthetic peptide derived from human GNGT1:

21-70/74.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** Heterotrimeric guanine nucleotide-binding proteins (G proteins)

transduce extracellular signals received by transmembrane receptors to effector proteins. Transducin is a guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma subunit of

transducin (Hurley et al., 1984 [PubMed 6438626]; Scherer et al., 1996 [PubMed 8661128]).[supplied by OMIM, Mar 2008].

**Applications: IHC-P** (1:100-500)

IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Pig, Sheep, Cow, Dog,

Horse)

Predicted MW.: 8 kDa

**Subcellular Location:** Cell membrane ,Cytoplasm

## — SELECTED CITATIONS —

- [IF=4] Lin-Lin Fan. et al.GNGT1 remodels the tumor microenvironment and promotes immune escape through enhancing tumor stemness and modulating the fibrinogen beta chain-neutrophil extracellular trap signaling axis in lung adenocarcinoma.translational lung cancer research.2025 Jan 24;14(1):239-259. IF; Mouse. 39958208
- [IF=3.9] Huang Xuchong. et al. GNGT1 is a potential prognostic and immunologic biomarker in gastric cancer. SCI REP-UK. 2025 Jul;15(1):1-20 IHC; Human. 40594780