### bs-13376R

## [ Primary Antibody ]

# GLS2 Rabbit pAb



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- DATASHEET -			400-901-9800
Host: Rab	bit Isot	<b>/pe:</b>  gG	Applications: IHC-P (1:100-500)
Clonality: Poly	/clonal		<b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
GenelD: 271	65 <b>SW</b>	ISS: Q9UI32	
Target: GLS	2		<b>Reactivity:</b> Rat (predicted: Human, Mouse, Rabbit, Pig. Sheep,
Immunogen: KLH 41-1	en: KLH conjugated synthetic peptide derived from human GLS2/LGA: 41-140/602.		Cow, Dog, Horse)
Purification: affinity purified by Protein A Concentration: 1mg/ml			Predicted MW.: <sup>65 kDa</sup>
Background: LGA and pan glut glut cell enc ove gen and Knie cau	is a 602 amino acid protein that contains two ANK repeats. Expr creas, LGA functions as a mitoch aminase that catalyzes the hydr amate and ammonia. LGA is ove lines, suggesting a role for LGA i oding LGA maps to human chrou r 1,100 genes and comprises app ome. Chromosome 12 is associa afflictions, including hypochon- est dysplasia, Noonan syndrome ses facial developmental defect:	localizes to the mitochondrion essed in brain, liver and iondrial phosphate-activated olysis of glutamine to erexpressed in breast cancer n tumorigenesis. The gene nosome 12, which encodes proximately 4.5% of the human ted with a variety of diseases drogenesis, achondrogenesis, and Trisomy 12p, which s and seizure disorders.	

#### - VALIDATION IMAGES



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffinembedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-GLS2 Polyclonal Antibody, Unconjugated(bs-13376R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

## - SELECTED CITATIONS -

• [IF=4.996] Zhou, Ji. et al. The ferroptosis signature predicts the prognosis and immune microenvironment of nasopharyngeal carcinoma. SCI REP-UK. 2023 Feb;13(1):1-13 IHC ;Human. 36732567