PRODUCT INFORMATION

Clone ID	2H4
Target	GPR56
Synonyms	BFPP, BPPR, GPR56, TM7LN4, TM7XN1, CDCBM14B, CDCBM15A
Host Species	Rabbit
Description	Biotinylated Anti-GPR56 antibody(2H4), Rabbit mAb
Delivery	In Stock
Uniprot ID	Q9Y653
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA
Recommended Dilutions	ELISA 1:5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Usage	Research use only
Conjugate	Biotinylated

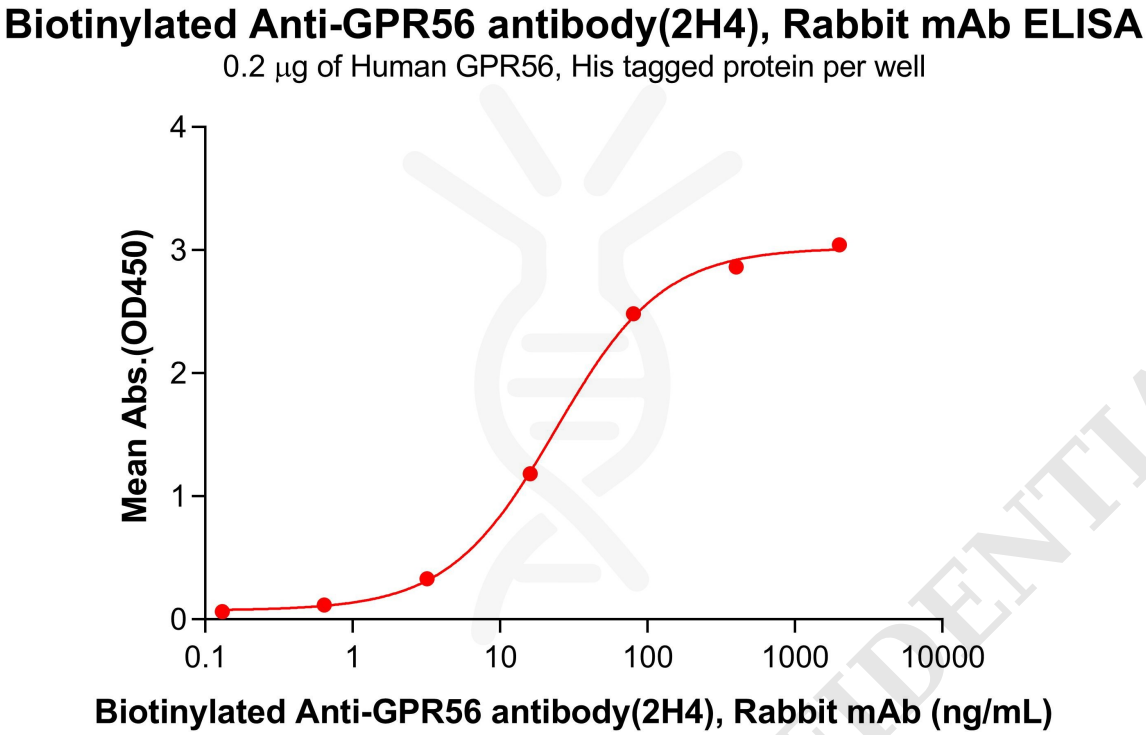

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human GPR56 Protein, His Tag (PME101228) can bind Biotinylated Anti-GPR56 antibody(2H4), Rabbit mAb (DME101183B) in a linear range of 3.2–80 ng/mL.