

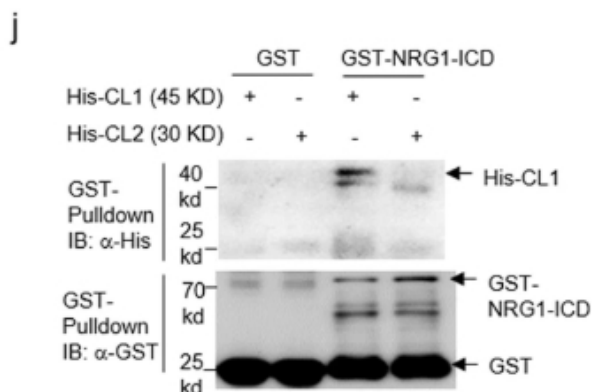


His-Tag Monoclonal Antibody(4E6)

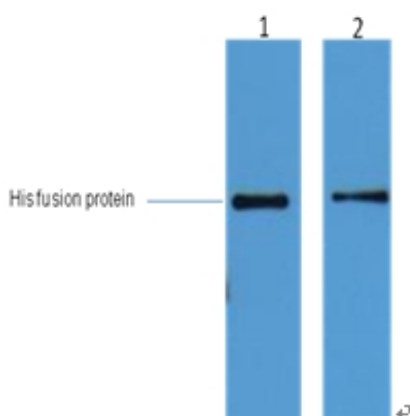
Catalog No	YP-Ab-04726
Isotype	IgG
Reactivity	Species independent
Applications	WB;IP;IF
Gene Name	His-Tag
Protein Name	His Tag
Immunogen	Synthetic peptide:HHHHHH conjugated to KLH.
Specificity	The antibody detects C-terminal, internal, and N-terminal His-tag fusion proteins.
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB: 1:3000 IP: 1:200 IF: 1:1000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	
Tissue Specificity	
Function	
Background	A polyhistidine-tag is an amino acid motif in proteins that consists of at least five histidine (His) residues, often at the N- or C-terminus of the protein. It is also known as hexa histidine-tag, 6xHis-tag, and by the trademarked name His-tag. Polyhistidine-tags are often used for affinity purification of polyhistidine-tagged recombinant proteins expressed in Escherichia coli and other prokaryotic expression systems.
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.



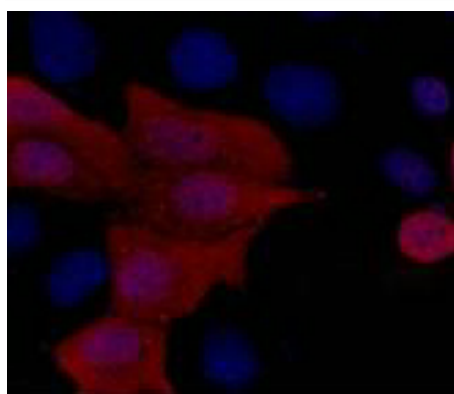
Products Images



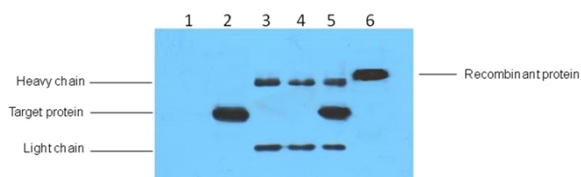
Wang, YY., Zhao, B., Wu, MM. et al. Overexpression of neuregulin 1 in GABAergic interneurons results in reversible cortical disinhibition. Nat Commun 12, 278 (2021).



2ug His fusion protein+ Primary antibody dilution at
1) 1:5000 2) 1:10000



IF analysis of 293 cells transfected with a His-tag protein, 1:1000 dilution (blue DAPI, red anti-His)



IP antibody use: 5ug His Mouse IgG1 per ml Lysate, WB 1:3000
1、 untransfected 293 cell lysate 2、 transfected 293 cell lysate with His-tag fusion protein
3、 IP (untransfected 293+anti-His mAb+ Protein G agarose)
4、 IP (transfected 293+ normal Mouse IgG+Protein G agarose)
5、 IP (transfected 293+anti-His mAb+ Protein G agarose)
6、 Recombinant protein (E.coli)