



His-Tag Monoclonal Antibody(4E6)

Catalog No	BYab-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.

Nanjing BYabscience technology Co.,Ltd

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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.

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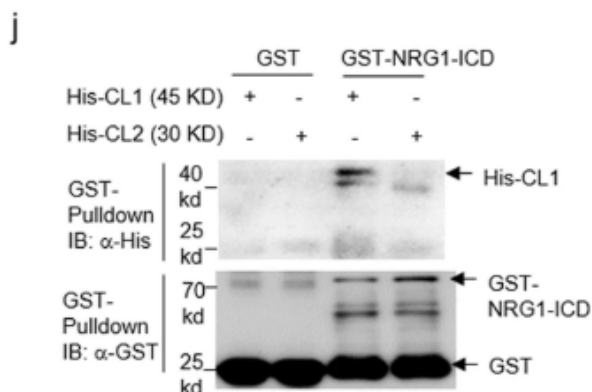
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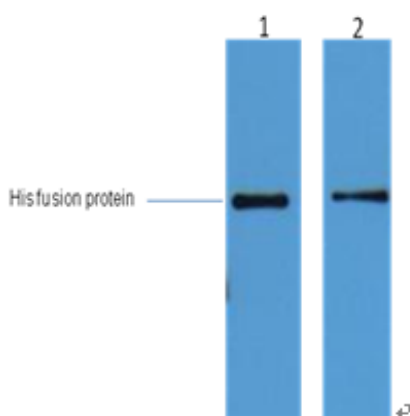
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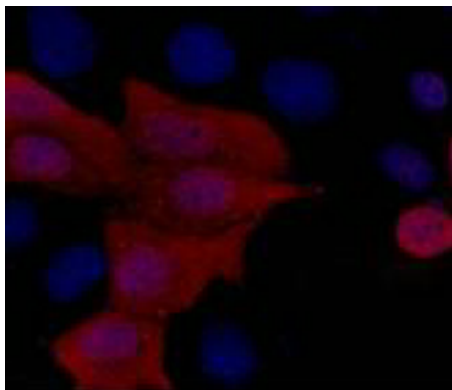
Products Images



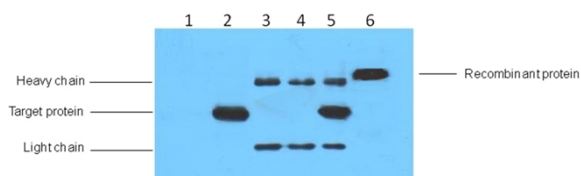
Wang, YY., Zhao, B., Wu, MM. et al. Overexpression of neuregulin 1 in GABAergic interneurons results in reversible cortical disinhibition. Nat Commun 12, 278 (2021).



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)

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