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Datasheet for ABIN7131650
anti-His Tag antibody

2 Images

Overview

Quantity:	100 µL
Target:	His Tag
Reactivity:	Please inquire
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This His Tag antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	HHHHHH(6x His) synthetic peptide conjugate to KLH
Clone:	3G5H8
Isotype:	IgG2a
Purification:	Protein A purified

Target Details

Target:	His Tag
Alternative Name:	6*His (His Tag Products)
Target Type:	Tag
Background:	Background: A His tag is a tag of 6 histidines added to the end of the protein that the DNA codes for, so the DNA with contain 6 repeats of the His codon. What it is used for is purifying

Target Details

the protein that the DNA codes for. Histidines are positively charged amino acids and a group of 6 of them allows the protein to bind to a negatively charged column. Histidines are also special in that they have a pKa around 7, meaning that once bound to the column they can easily be unbound.

Aliases: 6*His, 6*His, His Tag, 6histag, 6XHis, HHHHHH, HIS, His Tag

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

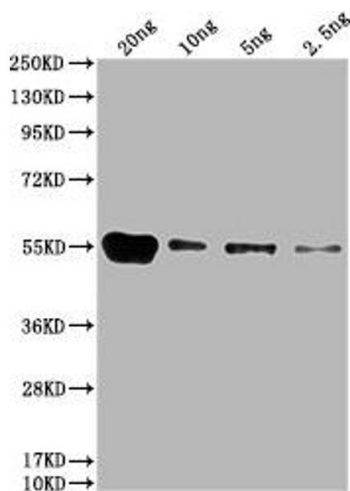
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

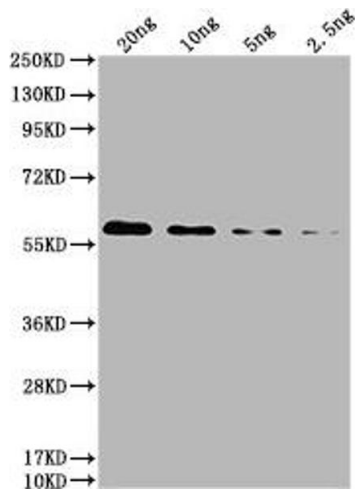
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western Blot Positive WB detected in: HIS fusion protein 1 at 20 ng, 10 ng, 5 ng, 2.5 ng All lanes: HIS antibody at 1:1000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 55 kDa Observed band size: 55 kDa



Western Blotting

Image 2. Western Blot Positive WB detected in: HIS fusion protein 2 at 20 ng, 10 ng, 5 ng, 2.5 ng All lanes: HIS antibody at 1:1000 Secondary Goat polyclonal to mouse IgG at 1/50000 dilution Predicted band size: 60 kDa Observed band size: 60 kDa