

Datasheet for ABIN5539934
anti-FTL antibody (C-Term) (Biotin)



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1 Image

Overview

Quantity:	100 µg
Target:	FTL
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FTL antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	FTL, Biotinylated
Sequence:	GEYLFERLTL KHD.
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	FTL
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Target Details

Alternative Name:	FTL
Background:	FTL, ferritin, light polypeptide, LFTD, NBIA3, ferritin L subunit, ferritin L-chain, ferritin light polypeptide-like 3
Gene ID:	2512, 14325, 29292
NCBI Accession:	NP_000137
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western Blot: Approx 20 kDa band observed in Rat Brain lysates (calculated MW of 20.7 kDa according to Rat NP_071945.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539934 (1µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.