

Datasheet for ABIN184691
anti-ALS2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ALS2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ALS2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Alsin / ALS2
Immunogen:	Peptide with sequence LKACYYQIQREKLN, from the C Terminus of the protein sequence according to NP_065970.2.
Sequence:	LKACYYQIQR EKLN
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

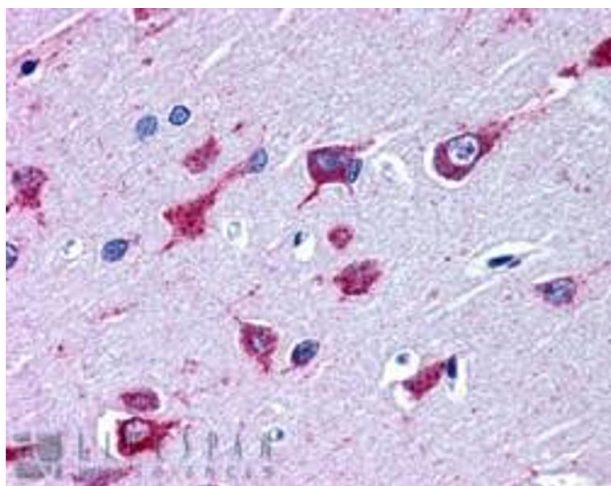
Target:	ALS2
Alternative Name:	ALS2 (ALS2 Products)
Background:	ALS2, amyotrophic lateral sclerosis 2 (juvenile), ALSJ, PLSJ, IAHSP, KIAA1563, ALS2CR6, FLJ31851, MGC87187, alsin
Gene ID:	57679
NCBI Accession:	NP_065970
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	<p>Immunohistochemistry: In paraffin embedded Human Cortex shows pixulate cytoplasm staining in some neuronal cells. Recommended concentration, 3-5 µg/mL.</p> <p>Western Blot: No signal obtained yet but low background observed in Human Brain extracts at upto 1 µg/mL.</p> <p>Peptide ELISA: antibody detection limit dilution 1:8000.</p>
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.



Immunohistochemistry

Image 1. ABIN184691 (3.8µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.