

Datasheet for ABIN7602558
anti-ELP2 antibody (AA 84-826)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	ELP2
Binding Specificity:	AA 84-826
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELP2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-ELP2 Antibody Picoband®
Immunogen:	E.coli-derived human ELP2 recombinant protein (Position: D84-L826). Human ELP2 shares 77.9% and 79.8% amino acid (aa) sequence identity with mouse and rat ELP2, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-ELP2 Antibody Picoband® (ABIN7602558). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	ELP2
Alternative Name:	ELP2 (ELP2 Products)
Background:	<p>Synonyms: ELP2, STATIP1, Elongator complex protein 2, ELP2, SHINC-2, STAT3-interacting protein 1, StIP1</p> <p>Background: The protein encoded by this gene is a core subunit of the elongator complex, a histone acetyltransferase complex that associates with RNA polymerase II. In addition to histone acetylation, the encoded protein effects transcriptional elongation and may help remodel chromatin.</p>
Molecular Weight:	93 kDa
Gene ID:	55250
Pathways:	Stem Cell Maintenance , Positive Regulation of Endopeptidase Activity , Protein targeting to Nucleus

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL</p> <p>1. Cohen, J. S., Srivastava, S., Farwell, K. D., Lu, H.-M., Zeng, W., Lu, H., Chao, E. C., Fatemi, A. ELP2 is a novel gene implicated in neurodevelopmental disabilities. Am. J. Med. Genet. 167A: 1391-1395, 2015. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 10/14/2014. 3. Hawkes, N. A., Otero, G., Winkler, G. S., Marshall, N., Dahmus, M. E., Krappmann, D., Scheidereit, C., Thomas, C. L., Schiavo, G., Erdjument-Bromage, H., Tempst, P., Svejstrup, J. Q. Purification and characterization of the human elongator complex. J. Biol. Chem. 277: 3047-3052, 2002.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.