Datasheet for ABIN7600348

anti-FBXO7 antibody (AA 18-522)

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Overview

Quantity:	100 µg
Target:	FBXO7
Binding Specificity:	AA 18-522
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-FBXO7 Antibody Picoband®
Immunogen:	E.coli-derived human FBXO7 recombinant protein (Position: E18-M522). Human FBXO7 shares 72.6% and 72.1% amino acid (aa) sequence identity with mouse and rat FBXO7, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-FBXO7 Antibody Picoband® (ABIN7600348). Tested in WB, IHC, ICC/IF, IP, Flow Cytometry, ELISA applications. This antibody reacts with Human, Rat. 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:	FBXO7
Alternative Name:	FBXO7 (FBXO7 Products)
Background:	Synonyms: FBXO7, FBX7, F-box only protein 7 Background: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and it may play a role in regulation of hematopoiesis. Alternatively spliced transcript variants of this gene have been identified with the full-length natures of only some variants being determined.
Molecular Weight:	59 kDa
Gene ID:	25793
UniProt:	Q9Y3I1

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunoprecipitation, 2-4 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Cenciarelli, C., Chiaur, D. S., Guardavaccaro, D., Parks, W., Vidal, M., Pagano, M. Identification of a family of human F-box proteins. Curr. Biol. 9: 1177-1179, 1999. 2. Di Fonzo, A., Dekker, M. C. J., Montagna, P., Baruzzi, A., Yonova, E. H., Correia Guedes, L., Szczerbinska, A., Zhao, T., Dubbel-Hulsman, L. O. M., Wouters, C. H., de Graaff, E., Oyen, W. J. G., Simons, E. J., Breedveld, G. J., Oostra, B. A., Horstink, M. W., Bonifati, V. FBXO7 mutations cause autosomal recessive, early-onset parkinsonian-pyramidal syndrome. Neurology 72: 240-245, 2009. 3. Ilyin, G. P., Rialland, M., Pigeon, C., Guguen-Guillouzo, C. cDNA cloning and expression analysis of new

Application Details

	members of the mammalian F-box protein family. Genomics 67: 40-47, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
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.