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Datasheet for ABIN6746630  
**anti-ELMO1 antibody (AA 372-421)**

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### Overview

Quantity:	100 µL
Target:	ELMO1
Binding Specificity:	AA 372-421
Reactivity:	Human, Mouse, Rat, Cow, Zebrafish (Danio rerio), Dog, Horse, Rabbit, Guinea Pig, Hamster, Monkey, Pig, Bat, Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ELMO1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Synthetic peptide located between aa372-421 of human ELMO1 (Q92556, NP_055615). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Lizard, Xenopus, Salmon, Stickleback, Zebrafish (100%).  Type of Immunogen: Synthetic peptide
Specificity:	Human ELMO1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Horse, Pig, Chicken, Xenopus, Zebrafish (100%).

## Product Details

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Purification: Immunoaffinity purified

## Target Details

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Target: ELM01

Alternative Name: ELM01 / ELMO 1 ([ELM01 Products](#))

Background: Name/Gene ID: ELM01

Synonyms: ELM01, Ced-12 homolog 1, ELMO-1, Engulfment and cell motility 1, KIAA0281, Protein ced-12 homolog, CED-12, CED12

Gene ID: 9844

NCBI Accession: [NP\\_055615](#)

UniProt: [Q92556](#)

## Application Details

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Application Notes: Approved: WB (0.2 - 1 µg/mL)

Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

## Publications

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Product cited in:

Waite, Floyd, Arbour-Reily, Stephens: "Interferon-gamma-induced regulation of peroxisome proliferator-activated receptor gamma and STATs in adipocytes." in: **The Journal of biological chemistry**, Vol. 276, Issue 10, pp. 7062-8, (2001) ([PubMed](#)).

Bartoli, Gu, Tsai, Venema, Brooks, Marrero, Caldwell: "Vascular endothelial growth factor activates STAT proteins in aortic endothelial cells." in: **The Journal of biological chemistry**, Vol. 275, Issue 43, pp. 33189-92, (2000) ([PubMed](#)).

Bromberg, Darnell: "The role of STATs in transcriptional control and their impact on cellular function." in: **Oncogene**, Vol. 19, Issue 21, pp. 2468-73, (2000) ([PubMed](#)).

Dent, Hu-Li, Paul, Staudt: "T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 95, Issue 23, pp. 13823-8, (1998) ([PubMed](#)).

Heim: "The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus." in: **European journal of clinical investigation**, Vol. 26, Issue 1, pp. 1-12, (1996) ([PubMed](#)).

## Images

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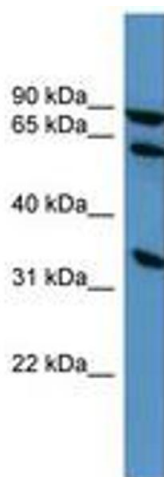


Image 1.