

Human Zinc Finger BED Domain-Containing Protein 3 (ZBED3) ELISA Kit | ZBED3 elisa kit

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CATALOG #
AAA330236

REACTIVITY
Human

PRODUCT SYNONYMS

Zinc Finger BED Domain-Containing Protein 3 (ZBED3); Human Zinc Finger BED Domain-Containing Protein 3 (ZBED3) ELISA Kit; ZBED3; MGC15435; 2610005H11Rik; zinc finger; BED domain containing 3; ZBED3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Zinc finger BED domain-containing protein 3 (ZBED3) ELISA Kit has high sensitivity and excellent specificity for detection of Human ZBED3. No significant cross-reactivity or interference between Human ZBED3 and analogues was observed.
Sequence Length	234
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Zinc finger BED domain-containing protein 3 (ZBED3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ZBED3 elisa kit	Description: This Human Zinc finger BED domain-containing protein 3 (ZBED3) ELISA Kit employs a two-site sandwich ELISA to quantitate ZBED3 in samples. An antibody specific for ZBED3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ZBED3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ZBED3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ZBED3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Zbed3 contains a PPPPSPT motif, which is crucial to its binding to Axin. The Ser and Thr residues in the motif appear to be also phosphorylated by glycogen synthase kinase 3beta (GSK3beta) and the CKI family kinases, as GSK3beta and CKIepsilon could enhance the interaction of Zbed3 with Axin. Expressing Zbed3, but not these mutants, led to inhibition of GSK3beta-mediated beta-catenin phosphorylation, cytoplasmic beta-catenin accumulation, and activation of lymphoid enhancer binding factor-1-dependent reporter gene transcription. Furthermore, knockdown of Zbed3 with RNA interference attenuated Wnt-induced beta-catenin accumulation, lymphoid enhancer binding factor-1-dependent luciferase reporter activity, and the Wnt target gene expression. Zbed3 is a novel Axin-binding protein that is involved in Wnt/beta-catenin signaling modulation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14150185
NCBI GeneID	84327
NCBI Accession #	NP_115743
NCBI GenBank Nucleotide #	NP_115743.1
UniProt Accession #	Q96IU2
NCBI Official Full Name	zinc finger BED domain-containing protein 3
NCBI Official Synonym Full Names	zinc finger BED-type containing 3
NCBI Official Symbol	ZBED3
NCBI Protein Information	zinc finger BED domain-containing protein 3
UniProt Protein Name	Zinc finger BED domain-containing protein 3
UniProt Gene Name	ZBED3
UniProt Entry Name	ZBED3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/zinc-finger-bed-domain-containing-protein-3-zbed3/330236>