

Rabbit anti-Rhesus IGFBP2 Polyclonal Antibody | anti-IGFBP2 antibody

Anti-IGFBP2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257354	Rabbit	Rhesus	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

IGFBP2; Polyclonal Antibody; Anti-IGFBP2 Antibody; Rabbit Polyclonal; IGFBP-2/IGFBP2 Antibody; Rabbit PAb; Antigen Affinity Purified; insulin-like growth factor binding protein 2; 36kDa; anti-IGFBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rhesus
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rhesus IGFBP-2/IGFBP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IGFBP2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Rhesus IGFBP-2/IGFBP2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rhesus IGFBP-2/IGFBP2. IGFBP-2/IGFBP2 specific IgG was purified by Rhesus IGFBP-2/IGFBP2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-IGFBP rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: A549 Whole Cell Lysate Lane C: SH-SY5Y Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa Observed band size: 35 kDa



IP (Immunoprecipitation)

cyno IGFBP2 was immunoprecipitated using: Lane A: 0.5 mg SH-SY5Y Whole Cell Lysate 2 uL anti-cyno IGFBP2 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-cyno IGFBP2 rabbit polyclonal antibody, at 1:200 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa Observed band size: 35 kDa

**IHC (Immunohistochemistry)**

Immunochemical staining of Rhesus IGFBP2 in Rhesus heart with rabbit polyclonal antibody (1:300, formalin-fixed paraffin embedded sections).

**IHC (Immunohistochemistry)**

Immunochemical staining of Rhesus IGFBP2 in Rhesus kidney with rabbit polyclonal antibody (1:300, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION**Related Product Information for anti-IGFBP2 antibody**

IGFBP-2, also known as IGFBP2, is an insulin-like growth factor-binding protein (IGFBP). IGFBPs prolong the half-life of the IGFs, control bioavailability, activity, and distribution of insulin-like growth factor (IGF) through high-affinity IGFBP/IGF complexes. Six high-affinity IGF-binding proteins (IGFBP-1 to -6) have been identified. The six IGFBPs are structurally related but encoded by distinct genes. IGFBPs have a high affinity for IGFs. Some members of the IGFBP family have been consistently shown to inhibit IGF actions by preventing them from gaining access to the IGF receptors, while others potentiate IGF actions by facilitating the ligand-receptor interaction. IGFBP-2 is overexpressed in many malignancies and is often correlated with an increasingly malignant status of the tumor, pointing to the potential involvement of IGFBP-2 in tumorigenesis. It contains 1 IGFBP N-terminal domain and 1 thyroglobulin type-1 domain. It inhibits IGF-mediated growth and developmental rates.

References

Han VK, et al. (1996) The expression of insulin-like growth factor (IGF) and IGF-binding protein (IGFBP) genes in the human placenta and membranes: evidence for IGF-IGFBP interactions at the feto-maternal interface. J Clin Endocrinol Metab. 81(7): 2680-93. Binkert C, et al. (1989) Cloning, sequence analysis and expression of a cDNA encoding a novel insulin-like growth factor binding protein (IGFBP-2). EMBO J. 8(9):2497-502. Wolf E, et al. (2000) Effects of IGFBP-2 overexpression in vitro and in vivo. Pediatr Nephrol. 14 (7):572-8.

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/polyclonal/igfbp2-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/257354>