

Datasheet for ABIN360163

anti-TGFR1 antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	0.4 mL
Target:	TGFR1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the central region of human TGFR1.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to TGF beta Receptor I (TGFR1).
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	TGFR1
Alternative Name:	TGFR1 / ALK-5 (TGFR1 Products)

Target Details

Background: The protein encoded by this gene forms a heteromeric complex with type II TGF-beta receptors when bound to TGF-beta, transducing the TGF-beta signal from the cell surface to the cytoplasm. The encoded protein is a serine/threonine protein kinase. Mutations in this gene have been associated with Loeys-Dietz aortic aneurysm syndrome (LDAS).Synonyms: ALK5, Activin receptor-like kinase 5, SKR4, Serine/threonine-protein kinase receptor R4, TGF-beta receptor type-1, TGF-beta type I receptor, TGFR-1, TbetaR-I, Transforming growth factor-beta receptor type I

Gene ID: 7046, 9606

UniProt: [P36897](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

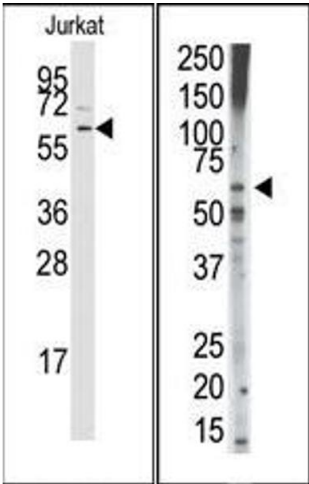


Image 1.

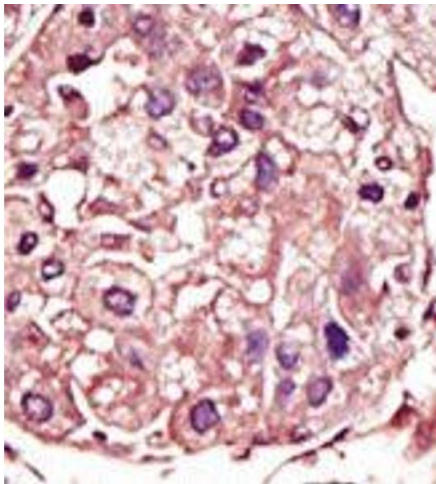


Image 2.