

Anti-proBNP Antibody (1X253)

Product Details

Reactivity:	Human
Molecular Weight:	Theoretical: 8.5 kDa. Actual: 25 kDa.
Clone:	1X253
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lane 1: Recombinant human proBNP protein, N-His (HEK293) Primary: Anti-proBNP (TMAB-11760) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 8.5 kDa Observed band size: 25 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human proBNP protein
Antigen Species:	Human
Gene ID:	4879
Uniprot ID:	P16860

Research Background

This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. Mutations in this gene have been associated with postmenopausal osteoporosis. [provided by RefSeq].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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