

## Anti-HCST Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 8 kDa. Actual: 11 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: HT29 (human) Cell Lysate at 40 µg Primary: Anti-HCST (TMAB-06920) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 8 kD Observed band size: 11 kD
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:	KLH conjugated synthetic peptide: human HCST
Antigen Species:	Human
Gene ID:	10870
Uniprot ID:	Q9Y3Y0

## Research Background

This gene encodes a transmembrane signaling adaptor that contains a YxxM motif in its cytoplasmic domain. The encoded protein may form part of the immune recognition receptor complex with the C-type lectin-like receptor NKG2D. As part of this receptor complex, this protein may activate phosphatidylinositol 3-kinase dependent signaling pathways through its intracytoplasmic YxxM motif. This receptor complex may have a role in cell survival and proliferation by activation of NK and T cell responses. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

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