

Product Datasheet

DAP10/HCST Antibody NB100-55403

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-55403

DAP10/HCST Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA

Product Description	
Host	Goat
Gene ID	10870
Gene Symbol	HCST
Species	Human
Reactivity Notes	Predicted cross-reactivity based on sequence identity: Mouse, Rat.
Specificity/Sensitivity	This antibody is expected to recognise isoform 1 (NP_055081.1) but it may recognize isoform 2 lacking residue E81 (NP_001007470.1).
Immunogen	Peptide with sequence C-RSPAQEDGKVYIN corresponding to C-Terminus according to NP_001007470.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 - 0.6 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 40 kDa band observed in human spleen lysates is reported in scientific literature (PMID: 10426994). An additional band of unknown identity was also consistently observed at 100 kDa. This band was successfully blocked by incubation with the immunizing peptide.

Publications

Upshaw JL, Arneson LN, Schoon RA et al. NKG2D-mediated signaling requires a DAP10-bound Grb2-Vav1 intermediate and phosphatidylinositol-3-kinase in human natural killer cells. Nat Immunol 2006-05-01 [PMID: 16582911]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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