



HSH2D rabbit pAb

Catalog No	YP-Ab-07904
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	HSH2D ALX
Immunogen	Synthesized peptide derived from human HSH2D AA range: 288-338
Specificity	This antibody detects endogenous levels of HSH2D at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.18% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ALX;HSH2;HSH2D_HUMAN;HSH2D;Hematopoietic SH2 protein;Adaptor in lymphocytes of unknown function X;hematopoietic SH2 domain containing; HSH2D ALX;Hematopoietic SH2 domain-containing protein (Hematopoietic SH2 protein) (Adaptor in lymphocytes of unknown function X)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cytoplasm. Nucleus.
Tissue Specificity	Predominantly expressed in spleen and hematopoietic cells such as peripheral blood leukocytes and weakly expressed in prostate, thymus, heart, small intestine and placenta.
Function	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May be a modulator of the apoptotic response through its ability to affect mitochondrial stability (By similarity). Adapter protein involved in tyrosine kinase and CD28 signaling. Seems to affect CD28-mediated activation of the RE/AP element of the interleukin-2 promoter.,PTM:May be phosphorylated by FES and ACK1.,similarity:Contains 1 SH2 domain.,subunit:Interacts with FES and TNK2.,tissue specificity:Predominantly expressed in spleen and hematopoietic cells such as



peripheral blood leukocytes and weakly expressed in prostate, thymus, heart, small intestine and placenta.,

Background

T-cell activation requires 2 signals: recognition of antigen by the T-cell receptor (see TCR; MIM 186880) and a costimulatory signal provided primarily by CD28 (MIM 186760) in naive T cells. HSH2 is a target of both of these signaling pathways (Greene et al., 2003 [PubMed 12960172]).[supplied by OMIM, Mar 2008],

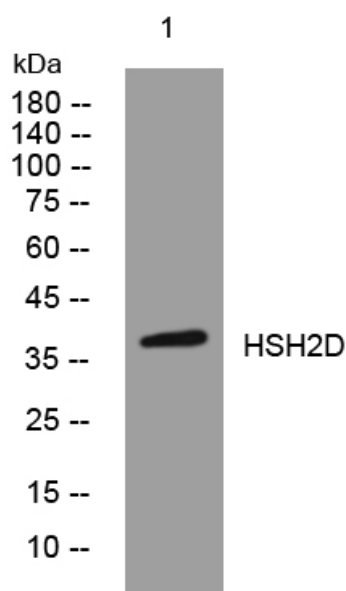
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night