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Datasheet for ABIN6746257

anti-ITIH1 antibody (AA 430-479)

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Overview

Quantity:	100 µL
Target:	ITIH1
Binding Specificity:	AA 430-479
Reactivity:	Human, Mouse, Rat, Cow, Horse, Bat, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa430-479 of mouse Itih1 (Q61702, NP_032432). Percent identity by BLAST analysis: Human, Mouse, Rat, Hamster, Bovine, Bat, Horse (100%), Gorilla, Orangutan, Gibbon, Monkey, Galago, Dog, Rabbit, Pig, Guinea pig (92%), Elephant (85%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse ITIH1
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Horse (100%) Dog, Rabbit, Pig, Guinea pig (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	ITIH1
Alternative Name:	ITIH1 / ITIH (ITIH1 Products)
Background:	Name/Gene ID: ITIH1 Synonyms: ITIH1, IATIH, ITI heavy chain H1, ITIH, H1P, IGHEP1, ITI-HC1, SHAP
Gene ID:	3697
NCBI Accession:	NP_032432
UniProt:	P19827
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:

Shahan, Sorenson, Simpson, Kefalides, Lewis: "Tyrosine kinase activation in response to fungal spores is primarily dependent on endogenous reactive oxygen production in macrophages." in: **The Journal of biological chemistry**, Vol. 275, Issue 14, pp. 10175-81, (2000) ([PubMed](#)).

Yang, Malek, Desiderio: "An SH3-binding site conserved in Bruton's tyrosine kinase and related tyrosine kinases mediates specific protein interactions in vitro and in vivo." in: **The Journal of biological chemistry**, Vol. 270, Issue 35, pp. 20832-40, (1995) ([PubMed](#)).

Aoki, Isselbacher, Pillai: "Bruton tyrosine kinase is tyrosine phosphorylated and activated in pre-B lymphocytes and receptor-ligated B cells." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 91, Issue 22, pp. 10606-9, (1994) ([PubMed](#)).

Vetrie, Vorechovský, Sideras, Holland, Davies, Flinter, Hammarström, Kinnon, Levinsky, Bobrow: "The gene involved in X-linked agammaglobulinaemia is a member of the src family of protein-tyrosine kinases." in: **Nature**, Vol. 361, Issue 6409, pp. 226-33, (1993) ([PubMed](#)).

Images

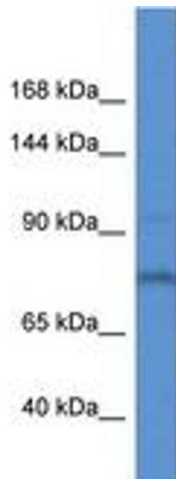


Image 1.