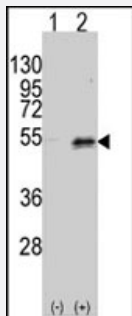


Dtnbp1 polyclonal antibody

Catalog # PAB2553

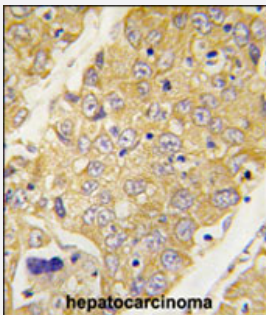
Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of Dtnbp1 (arrow) using rabbit Dtnbp1 polyclonal antibody (Cat # PAB2553). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the Dtnbp1 gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma reacted with Dtnbp1 polyclonal antibody (Cat # PAB2553), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Dtnbp1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of mouse Dtnbp1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein A purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — Dtnbp1

Entrez GeneID	94245
Protein Accession#	NP_080048;Q91WZ8
Gene Name	Dtnbp1
Gene Alias	5430437B18Rik, AW048963, dysbindin, sdy
Gene Description	dystrobrevin binding protein 1
Gene Ontology	Hyperlink
Other Designations	sandy

Publication Reference

- [Dysbindin-1 is a synaptic and microtubular protein that binds brain snapin.](#)

Talbot K, Cho DS, Ong WY, Benson MA, Han LY, Kazi HA, Kamins J, Hahn CG, Blake DJ, Arnold SE.

Human Molecular Genetics 2006 Oct; 15(20):3041.

Application: IHC-P, WB-Ti, Human, Mouse, Brain, Hippocampal

- [Hermansky-Pudlak syndrome type 7 \(HPS-7\) results from mutant dysbindin, a member of the biogenesis of lysosome-related organelles complex 1 \(BLOC-1\).](#)

Li W, Zhang Q, Oiso N, Novak EK, Gautam R, O'Brien EP, Tinsley CL, Blake DJ, Spritz RA, Copeland NG, Jenkins NA, Amato D, Roe BA, Starcevic M, Dell'Angelica EC, Elliott RW, Mishra V, Kingsmore SF, Paylor RE, Swank RT.

Nature Genetics 2003 Sep; 35(1):84.

Application: WB-Ti, Mouse, Kidney, Brain, Heart, Liver, Skeletal muscle

- [Dysbindin, a novel coiled-coil-containing protein that interacts with the dystrobrevins in muscle and brain.](#)

Benson MA, Newey SE, Martin-Rendon E, Hawkes R, Blake DJ.

The Journal of Biological Chemistry 2001 Jun; 276(26):24232.

Application: ICC, IHC, IP, Mouse, Rat, Brains, Muscles