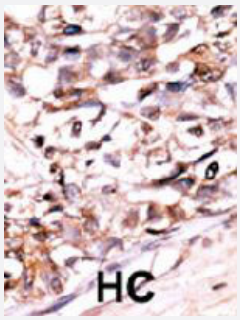
DUSP13 polyclonal antibody

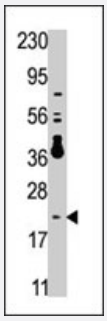
Catalog # PAB4140 Size 400 uL

Applications



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

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with DUSP13 polyclonal antibody (Cat # PAB4140) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Western Blot (Cell lysate)

The DUSP13 polyclonal antibody (Cat # PAB4140) is used in Western blot to detect DUSP13 in human CEM cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DUSP13.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human DUSP13.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Ammonium sulfate precipitation

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Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) 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 shoul d be handled by trained staff only.

Applications

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

  Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with DUSP13 polyclonal antibody (Cat # PAB4140) , which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.
  This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Cell lysate)

  The DUSP13 polyclonal antibody (Cat # PAB4140) is used in Western blot to detect DUSP13 in human CEM cell lysate.

Gene Info — DUSP13

Entrez GeneID	51207
Protein Accession#	Q9UII6
Gene Name	DUSP13
Gene Alias	BEDP, DUSP13A, DUSP13B, FLJ32450, MDSP, SKRP4, TMDP
Gene Description	dual specificity phosphatase 13
Gene Ontology	Hyperlink

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Gene Summary	Members of the protein-tyrosine phosphatase superfamily cooperate with protein kinases to regulate cell proliferation and differentiation. This superfamily is separated into two families based on the substrate that is dephosphorylated. One family, the dual specificity phosphatases (DSPs) acts on both phosphotyrosine and phosphoserine/threonine residues. This gene encodes different but related DSP proteins through the use of non-overlapping open reading frames, alternate splicing, and presumed different transcription promoters. Expression of the distinct proteins from this gene has been found to be tissue specific and the proteins may be involved in postnatal development of specific tissues. A protein encoded by the upstream ORF was found in skeletal muscle, whereas the encoded protein from the downstream ORF was found only in testis. In mouse, a similar pattern of expression was found. Multiple alternatively spliced transcript variants were described, but the full-length sequence of only some were determined. [provided by RefSeq
Other Designations	OTTHUMP00000019875|OTTHUMP00000060197|branching-enzyme interacting dual-specificity protein phosphatase|dual-specificity phosphatase SKRP4|muscle-restricted dual specificity phosphatase

Publication Reference

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Disease

- Alzheimer Disease

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- Genetic Predisposition to Disease
- Kidney Failure

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