

DNAxPAb

Hard-to-Find
Antibody

DUSP5 DNAxPab

Catalog # H00001847-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DUSP5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKVTSLDGRQLRKMLRKEAAARCVVLD CRPYLAFAASNVRGSLNVNLNSVVLRRARGGAVSAR YVLPDEAARARLLQEGGGVAAVVVLDQGSRHWQKLREESAARVLTSLACLPAGPRVYFLK GGYETFYSEYPECCVDVKPISQEKIESERALISQCGKPVVNVSYRPAYDQGGPVEILPFLYLGSA YHASKCEFLANLHITALLNVSRTSEACMTHLHYKWIPVEDSHTADISSHFQEIDFIDCVREKGGKV LVHCEAGISRSPTICMAYLMKTKQFRLKEAFDYKQRRSMVSPNFGFMGQLLQYESEILPSTPNPQ PPSCQGEAAGSSLIGHLQTLSPDMQGAYCTFPASVLAPVPTHSTVSELSRSPVATATSC
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DUSP5

Entrez GeneID [1847](#)

GeneBank Accession# [BC062545.1](#)

Protein Accession# [AAH62545.1](#)

Gene Name DUSP5

Gene Alias DUSP, HVH3

Gene Description dual specificity phosphatase 5

Omim ID [603069](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product inactivates ERK1, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus. [provided by RefSeq]

Other Designations OTTHUMP00000020476|VH1-like phosphatase 3|serine/threonine specific protein phosphatase

Pathway

- [MAPK signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)