



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HGD purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003081-B01P

規格 : [50 ug]

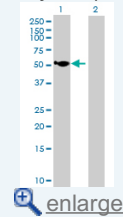
[List All](#)

Specification

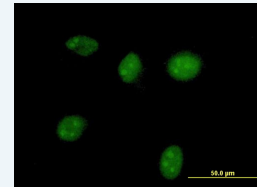
Product Description:	Mouse polyclonal antibody raised against a full-length human HGD protein.
Immunogen:	HGD (AAH71757.1, 1 a.a. ~ 445 a.a) full-length human protein.
Sequence:	MAELKYISGFGNECSSEDPKCPGSLPEGQNNPQVCPYNLYAEQLSGSA FTCPRSTNKRSWLYRILPSVSHKPFESIDEGHVTWNWDEVDPDPNQLRW KPFIEPKASQKKVDFVSLHTLCGAGDIKSNNGLAIHIFLCNTSMENRCFY NSDGDFLIVPQKGNLLIYTEFGKMLVQPNEICVIQRGMRFSDVFEETRGY ILEVYGVHVELPDLGPIGANLANPRDFLIPIAWYEDRQVPGGYTVINKYQ GKLF AAKQDVSPFNVAWHGNYTPYKYNLKNFMVINSVAFDHADPSIFTV LTAKSVRPGVAIADFVIFPPRWGVADKTRPPYYHRNCMSEFMGLIRGHY EAKQGGFLPGGSLHSTMTPHGPDADCFEKASKVKLAPERIADGTMAF MFESSLSLAVTKWGLKASRCLDENYHKCWEPLKSHFTPNRNPAEPN
Host:	Mouse
Reactivity:	Human
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.
MSDS:	 Download
Datasheet:	 Download

Application Image

Western Blot (Transfected lysate)

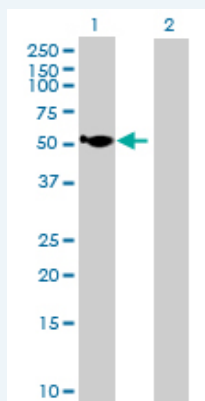


Immunofluorescence



Applications

Western Blot (Transfected lysate)

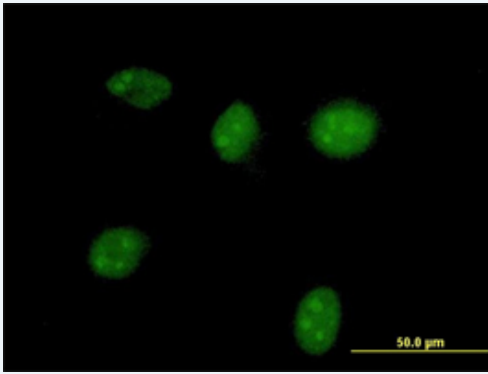


Western Blot analysis of HGD expression in transfected 293T cell line (H00003081-T01) by HGD MaxPab polyclonal antibody.

Lane1:HGD transfected lysate(48.95 KDa).

Lane2:Non-transfected lysate.

Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to HGD on HeLa cell. [antibody concentration 10 ug/ml]

Gene Information

Entrez GeneID: [3081](#)

**GeneBank
Accession#:** [NM_000187.1](#)

**Protein
Accession#:** [AAH71757.1](#)

Gene Name: HGD

Gene Alias: AKU,HGO

**Gene
Description:** homogentisate 1,2-dioxygenase (homogentisate oxidase)

Omim ID: [203500](#), [607474](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Homogentisate 1,2-dioxygenase (HGD) gene mutations are the molecular cause of alkaptonuria, a rare hereditary disorder of the phenylalanine catabolism. The highest expression of HGD is in the prostate, small intestine, colon, and liver. The HGD gene contains 14 exons. Conflicting reports have placed the gene at 3q2, 3q13.3-q21, 3q21-q24, 3q21-q23, or 3q25-q26. [provided by RefSeq]

**Other
Designations:** homogentisate 1,2-dioxygenase,homogentisicase

Gene Pathway

[Metabolic pathways](#) [Styrene degradation](#) [Tyrosine metabolism](#)