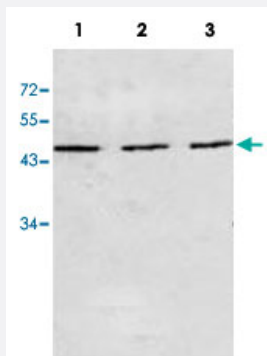


ODC1 polyclonal antibody

Catalog # PAB18876 Size 200 uL

Applications



Western Blot

Western blot analysis of HeLa (Lane 1), human fetal liver (Lane 2) and human fetal lung (Lane 3) lysate with ODC1 polyclonal antibody (Cat # PAB18876) at 1 : 500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant ODC1.
Immunogen	Recombinant protein corresponding to human ODC1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. 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

- Western Blot

Western blot analysis of HeLa (Lane 1), human fetal liver (Lane 2) and human fetal lung (Lane 3) lysate with ODC1 polyclonal antibody (Cat # PAB18876) at 1 : 500 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ODC1

Entrez GeneID	4953
Protein Accession#	NP_002530
Gene Name	ODC1
Gene Alias	ODC
Gene Description	ornithine decarboxylase 1
Omim ID	114500 165640
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyze s ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter. [provided by RefSeq]
Other Designations	-

Pathway

- [Arginine and proline metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenoma](#)
- [Adenomatous Polyposis Coli](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasm Recurrence](#)
- [Precancerous Conditions](#)
- [Recurrence](#)
- [Stomach Neoplasms](#)