

ACP5 Polyclonal Antibody

Catalog number: 11594-1-AP

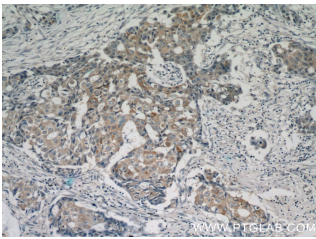
Size: 50 µg/150 µl

Source: Rabbit

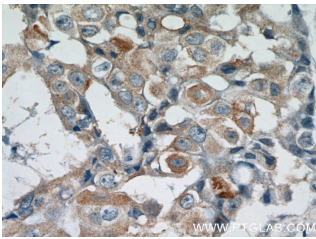
Isotype: IgG

Synonyms:

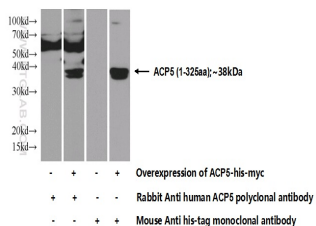
ACP5; ACP5, Tartrate resistant acid ATPase, TR AP, TRACP, TRAP, TrATPase, Type 5 acid phosphatase



Immunohistochemical of paraffin-embedded human breast cancer using 11594-1-AP (ACP5 antibody) at dilution of 1:25 (under 10x lens)



Immunohistochemical of paraffin-embedded human breast cancer using 11594-1-AP (ACP5 antibody) at dilution of 1:25 (under 40x lens)



Transfected HEK-293 cells were subjected to SDS PAGE followed by western blot with 11594-1-AP (ACP5 Antibody) at dilution of 1:500

Background

ACP5 (acid phosphatase 5, tartrate resistant) is also named as TRAP, TrATPase and belongs to the metallophosphoesterase superfamily. It is an iron-containing glycoprotein with a molecular mass of approximately 34 kD. ACP5 is a histochemical marker of the osteoclast. It is also characteristic of monohistiocytes, particularly alveolar macrophages, and is associated with diverse pathological conditions, including hairy cell leukemia and AIDS encephalopathy. (PMID:10639488).

Applications

Tested applications:	ELISA, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated ACP5 MW:	325aa, 37 kDa
Observed ACP5 MW:	
Positive WB detected in	Transfected HEK-293 cells
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2065
GenBank accession number:	BC025414
Gene ID (NCBI):	54
Full name:	Acid phosphatase 5, tartrate resistant

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.