

Product datasheet for **TA308661**

ASPA Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Pig, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 39 and 300 of Aspartoacylase (Uniprot ID#P45381)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	aspartoacylase
Database Link:	NP_001121557 Entrez Gene 11484 Mouse Entrez Gene 443 Human P45381
Background:	This gene encodes an enzyme that catalyzes the conversion of N-acetyl_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Synonyms:	ACY2; ASP
Note:	Seq homology of immunogen across species: Mouse (87%), Pig (95%), Bovine (93%)

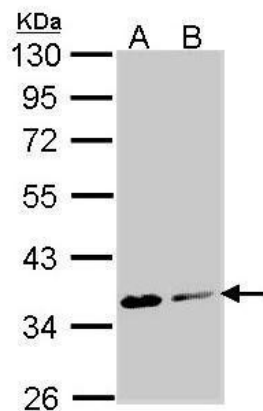


[View online »](#)

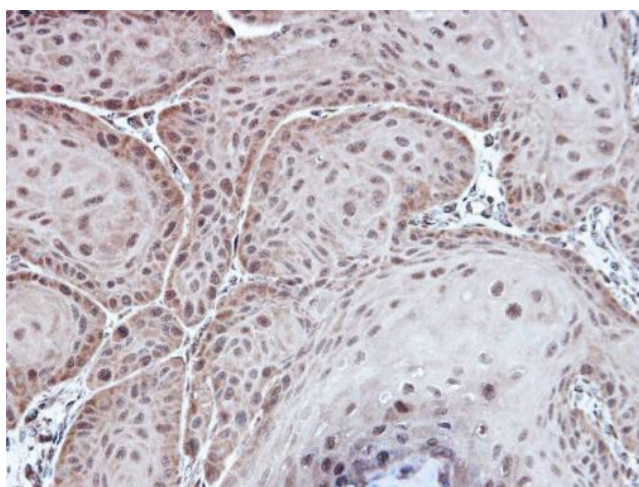
Protein Families: Druggable Genome

Protein Pathways: Alanine, aspartate and glutamate metabolism, Histidine metabolism

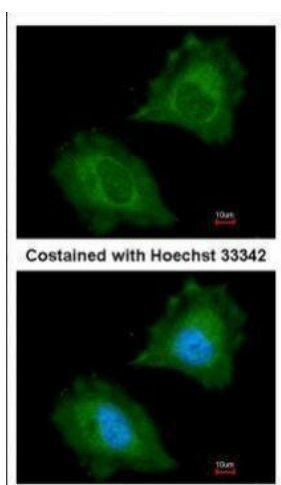
Product images:



Sample (30 ug of whole cell lysate). A: Molt-4. B: Raji. 10% SDS PAGE. TA308661 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using Aspartoacylase (TA308661) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Aspartoacylase (TA308661) antibody at 1:200 dilution.