

# Product Data Sheet

## Anti-AspRS Antibody

Catalog #	Source	Reactivity	Applications
CQA1661	Rabbit	H, M, R	WB, IH
<b>Description</b>	Rabbit polyclonal antibody to AspRS		
<b>Immunogen</b>	Recombinant full length protein of human AspRS		
<b>Purification</b>	The antibody was purified by immunogen affinity chromatography.		
<b>Specificity</b>	Recognizes endogenous levels of AspRS protein.		
<b>Clonality</b>	Polyclonal		
<b>Conjugation</b>			
<b>Form</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
<b>Dilution</b>	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
<b>Gene Symbol</b>	DARS2		
<b>Alternative Names</b>	Aspartate--tRNA ligase mitochondrial; Aspartyl-tRNA synthetase; AspRS		
<b>Entrez Gene</b>	55157 (Human); 226539 (Mouse); 304919 (Rat)		
<b>SwissProt</b>	Q6PI48 (Human); Q8BIP0 (Mouse); Q3KRD0 (Rat)		
<b>Storage/Stability</b>	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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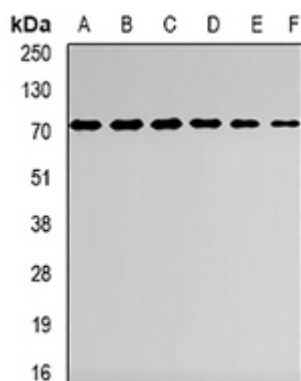
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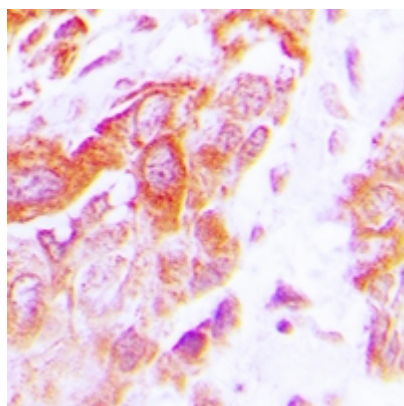
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Western blot analysis of AspRS expression in NCIH460 (A), U251 (B), MCF7 (C), BT474 (D), mouse liver (E), mouse heart (F) whole cell lysates. (Predicted band size: 73 kD; Observed band size: 73 kD)



Immunohistochemical analysis of AspRS staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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