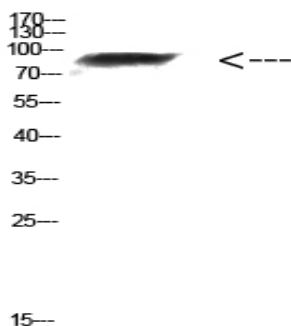


## FAM48A Polyclonal Antibody

<b>Catalog No :</b>	YT5828
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	FAM48A
<b>Fields :</b>	>>Autophagy - animal
<b>Gene Name :</b>	FAM48A C13orf19 FP757
<b>Protein Name :</b>	family with sequence similarity 48, member A
<b>Human Gene Id :</b>	55578
<b>Human Swiss Prot No :</b>	Q8NEM7
<b>Mouse Gene Id :</b>	56790
<b>Mouse Swiss Prot No :</b>	Q7TT00
<b>Rat Swiss Prot No :</b>	Q66HC7
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human FAM48A. AA range:231-280
<b>Specificity :</b>	The antibody detects endogenous FAM48A protein
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	85kD
<b>Background :</b>	<p>function:Required for MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) activation during gastrulation. Required for down-regulation of E-cadherin during gastrulation by regulating E-cadherin protein level downstream from NCK-interacting kinase (NIK) and independently of the regulation of transcription by Fgf signaling and Snail.,similarity:Belongs to the FAM48 family.,subunit:Interacts with MAPK14.,tissue specificity:Highly expressed in testis, moderately in brain and pituitary gland. Expressed in several fetal tissues, including lung, brain, thymus and kidney. Expression is down-regulated in malignant prostate tissues.,</p>
<b>Function :</b>	<p>function:Required for MAP kinase p38 (MAPK11, MAPK12, MAPK13 and/or MAPK14) activation during gastrulation. Required for down-regulation of E-cadherin during gastrulation by regulating E-cadherin protein level downstream from NCK-interacting kinase (NIK) and independently of the regulation of transcription by Fgf signaling and Snail.,similarity:Belongs to the FAM48 family.,subunit:Interacts with MAPK14.,tissue specificity:Highly expressed in testis, moderately in brain and pituitary gland. Expressed in several fetal tissues, including lung, brain, thymus and kidney. Expression is down-regulated in malignant prostate tissues.,</p>
<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Highly expressed in testis, moderately in brain and pituitary gland. Expressed in several fetal tissues, including lung, brain, thymus and kidney. Expression is down-regulated in malignant prostate tissues.

## Products Images



Western Blot analysis of mouse-kidney cells using Antibody diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000